KELLY MIDDLE SCHOOL MODULAR CLASSROOMS CIP NO. 201-912-P0003

PROJECT INFORMATION

SITE ADDRESS
KELLY MIDDLE SCHOOL
850 HOWARD AVE
EUGENE, OR 97404

MAP + TAXLOT
MAP: 17041434
TAX LOT: 00100

OWNER
EUGENE SCHOOL DISTRICT 4J
200 N MONROE ST
EUGENE, OR 97402
UNITED STATES

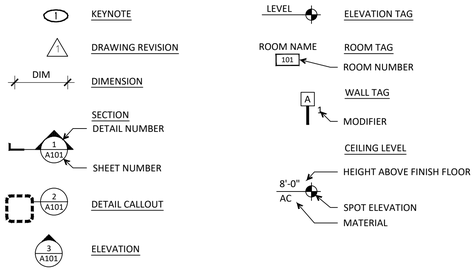
ARCHITECT
GMA ARCHITECTS
860 W PARK ST #300, EUGENE, OR 97401
(541) 344-9157
POC: ROBERT J. NICHOLLS, AIA
BNICHOLLS@GMA-ARCH.COM
ARCHITECT OF RECORD: JOSEPH E. MOORE, AIA

SHEET LIST

GENERAL NOTES

1. DIMENSIONS TO FACE OF FINISH, UON - FIELD VERIFY
2. PROTECT (E) ITEMS TO REMAIN & SALVAGED ITEMS DURING CONSTRUCTION
3. (E) ITEMS SHOWN IN APPROXIMATE LOCATION, NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO WORK
4. COORDINATE WITH DISTRICT FOR RELOCATED MODULAR BUILDING
5. COORDINATE WITH MODULAR BUILDING MANUFACTURER

SYMBOL LEGEND



SUMMARY OF WORK & CODE ANALYSIS

SUMMARY OF WORK
ADD TWO MODULAR CLASSROOM BUILDINGS TO KELLY MIDDLE SCHOOL. WORK INCLUDES SELECTIVE DEMOLITION AND NEW PAVING, SIDING PATCH, DOOR HARDWARE, ELECTRICAL, GRADING, SITE UTILITIES, FENCING, BICYCLE PARKING, LANDSCAPING, AND IRRIGATION. PRE-MANUFACTURED MODULAR CLASSROOM BUILDINGS PERMITTED BY STATE OF OREGON - MODULAR "BUILDING A" IS RELOCATED FROM OTHER SITE, MODULAR "BUILDING B" IS NEW, AND SUBSTANTIVELY SIMILAR TO BUILDING A - MODULAR BUILDINGS AND ELEVATED WALKWAYS PROVIDED BY OTHERS AS WORK UNDER THIS PERMIT.
NO NEW POTABLE OR SANITARY PLUMBING PROPOSED AT PORTABLE CLASSROOMS - BUILDINGS WILL BE INSTALLED 'DRY' WITHOUT PLUMBING FIXTURES.

SCHOOL CAPACITY
EXISTING KELLY MIDDLE SCHOOL CAPACITY - 600 STUDENTS.
EXISTING YUJIN GAKUEN CAPACITY - 324 STUDENTS
EXISTING TOTAL STUDENT CAPACITY - 924 STUDENTS

NEW CAPACITY ADDED - FOUR (4) MIDDLE SCHOOL CLASSROOMS @ 30 STUDENTS EACH
POST-ALTERATION KELLY MIDDLE SCHOOL CAPACITY - 720 STUDENTS
NO CHANGE TO YUJIN GAKUEN CAPACITY - 324 STUDENTS
POST-ALTERATION TOTAL STUDENT CAPACITY - 1,044 STUDENTS

DEFERRED SUBMITTALS
NEW PORTABLE CLASSROOM "BUILDING B" DESIGN AND CALCULATIONS (SUBSTANTIVELY SIMILAR TO RELOCATE BUILDING)
NEW ELEVATED WALKWAY, STAIR, AND RAMP DESIGN AND CALCULATIONS

2018 INTERNATIONAL EXISTING BUILDING CODE

CHAPTER 3 - PROVISIONS FOR ALL COMPLIANCE METHODS
301.3.1 PRESCRIPTIVE COMPLIANCE METHOD: CHAPTER 5 OF THIS CODE
305.6 ALTERATIONS - A FACILITY THAT IS ALTERED SHALL COMPLY WITH THE APPLICABLE PROVISIONS IN OSSC CH 11, UNLESS TECHNICALLY INFEASIBLE.
EXCEPTIONS: THE ALTERED ELEMENT OR SPACE IS NOT REQUIRED TO BE ON AN ACCESSIBLE ROUTE, UNLESS IT IS A PRIMARY FUNCTION.
ACCESSIBLE MEANS OF EGRESS REQ'D BY OSSC CH 10 ARE NOT REQUIRED TO BE PROVIDED IN EXISTING FACILITIES.

CHAPTER 5 PRESCRIPTIVE COMPLIANCE METHOD
503.1, ALTERATION TO ANY BUILDING OR STRUCTURE SHALL COMPLY WITH THE REQUIREMENTS OF THE OSSC FOR NEW CONSTRUCTION. ALTERATIONS SHALL BE SUCH THAT THE EXISTING BUILDING OR STRUCTURE IS NOT LESS COMPLYING WITH THE PROVISIONS OF THE OSSC THAN THE EXISTING BUILDING OR STRUCTURE WAS PRIOR TO THE ALTERATIONS

2019 OREGON STRUCTURAL SPECIALTY CODE FOR NEW CONSTRUCTION WITHIN ALTERATION

CHAPTER 1 - SCOPE AND ADMINISTRATION
PER 102.6 EXISTING STRUCTURES, 102.6.1 COMPLIANCE, THE REPAIR, ALTERATION, CHANGE OF OCCUPANCY, AND ADDITION TO EXISTING BUILDINGS SHALL COMPLY WITH THE INTERNATIONAL EXISTING BUILDING CODE AS AMENDED BY CHAPTER 34 OF THIS CODE.

CHAPTER 34 - EXISTING BUILDINGS
PER 3401.4, REFERENCES TO THE *INTERNATIONAL BUILDING CODE* OR THE *BUILDING CODE* SHALL MEAN THE *OREGON STRUCTURAL SPECIALTY CODE* AS ADOPTED BY OAR 918-460-0010

CHAPTER 3 - USE & OCCUPANCY
EXISTING OCCUPANCY: GROUP E, EDUCATION USE. NO PROPOSED CHANGE TO USE.
EXISTING OCCUPANCY 924.
NEW OCCUPANCY: EXISTING OCCUPANCY + 120 =1,044.

CHAPTER 5 - GENERAL BUILDING HEIGHTS & AREAS
TYPE VB CONSTRUCTION, NON-SPRINKLERED
ALLOWABLE NUMBER OF STORIES: 1
PROPOSED NUMBER OF STORIES: 1
ALLOWABLE BUILDING HEIGHT: 40'-0"
PROPOSED BUILDING HEIGHT: ±14'-0"
ALLOWABLE BUILDING AREA: 9,500 SF
PROPOSED BUILDING AREA: 3,820 SF

CHAPTER 6 - TYPES OF CONSTRUCTION
PER 602 - VB CONSTRUCTION, NON-SPRINKLERED
PER TABLE 602, GREATER THAN OR EQUAL TO 10' SEPARATION - NO FIRE RESISTANCE RATING REQ'D @ EXTERIOR WALLS

CHAPTER 8 - INTERIOR FINISHES
CLASS C FINISHES ALLOWED PER TABLE 803.13

CHAPTER 9 - FIRE PROTECTION SYSTEMS
MODULAR BUILDINGS WILL BE CONNECTED TO EXISTING SCHOOL FIRE ALARM SYSTEM
TYPE 2A10BC FIRE EXTINGUISHERS BRACKET MOUNT @ 48" AFF MAX EA. CLASSROOM

CHAPTER 10 - MEANS OF EGRESS
NEW ADDITION: MODULAR SQUARE FOOTAGE = 1,640
OCCUPANTS PER TABLE 1004.1.1
CLASSROOM A = 760 SF/20 = 38 OCCUPANTS
CLASSROOM B = 760 SF/20 = 38 OCCUPANTS
RESTROOMS = 120 SF (ACCESSORY) = 0 OCCUPANTS
TOTAL OCCUPANTS = 76
ONE EXIT REQ'D EA. CLASSROOM PER TABLE 1006.2.1
MAX. TRAVEL DISTANCE ALLOWED: 250'
MAX. TRAVEL DISTANCE PROPOSED: 92'
MAX. COMMON PATH OF EGRESS ALLOWED: 75'
MAX. COMMON PATH OF EGRESS PROPOSED: 39'

CHAPTER 11 - ACCESSIBILITY
NO CHANGE TO ACCESSIBILITY

CHAPTER 29 - PLUMBING SYSTEMS

PLUMBING FIXTURE REQUIREMENTS KELLY MIDDLE SCHOOL, PER TABLE 2902.1

DESCRIPTION	OCCUPANT LOAD	WATER CLOSETS						LAVATORIES						DRINKING FOUNTAINS
		MALE			FEMALE			MALE			FEMALE			
		OCC LOAD	OCC FACTOR	FIXT REQ	OCC LOAD	OCC FACTOR	FIXT REQ	OCC LOAD	OCC FACTOR	FIXT REQ	OCC LOAD	OCC FACTOR	FIXT REQ	
ASSEMBLY A-3; GYM, CAFETERIA, LIBRARY	946	473	1 PER 125	3.78	473	1 PER 65	7.27	473	1 PER 250 FOR FIRST 750, 1 PER 500 FOR REMAINDER EXCEEDING 750	1.89	473	1 PER 250 FOR FIRST 750, 1 PER 500 FOR REMAINDER EXCEEDING 750	1.89	1 PER EACH FLOOR, EXISTING
STAFF USE: ADMIN, WORKROOMS, KITCHEN	105	53	1 PER 50	1.06	53	1 PER 50	1.06	53	1 PER 50	1.06	53	1 PER 50	1.06	
EDUCATIONAL USE	1,044	522	1 PER 50	10.44	522	1 PER 50	10.44	522	1 PER 50	10.44	522	1 PER 50	10.44	
TOTAL REQUIRED				**16**			**19**			**14**			**14**	
ACTUAL PROVIDED	UP TO 2/3 OF WC CAN BE SUBSTITUTED FOR URINALS; 11 URINALS PROVIDED = 7 WC			**20**			**22**			**15**			**17**	

NO CHANGE TO EXISTING PLUMBING

CHAPTER 34 - ACCESSIBILITY FOR EXISTING STRUCTURES
ACCESSIBLE PATHWAY PROVIDED TO ALTERED AREA

CITY OF EUGENE LAND USE CODE & ZONING REQUIREMENTS
ZONE:PL PUBLIC LAND
OVERLAY/ SPECIAL AREA ZONE: NONE

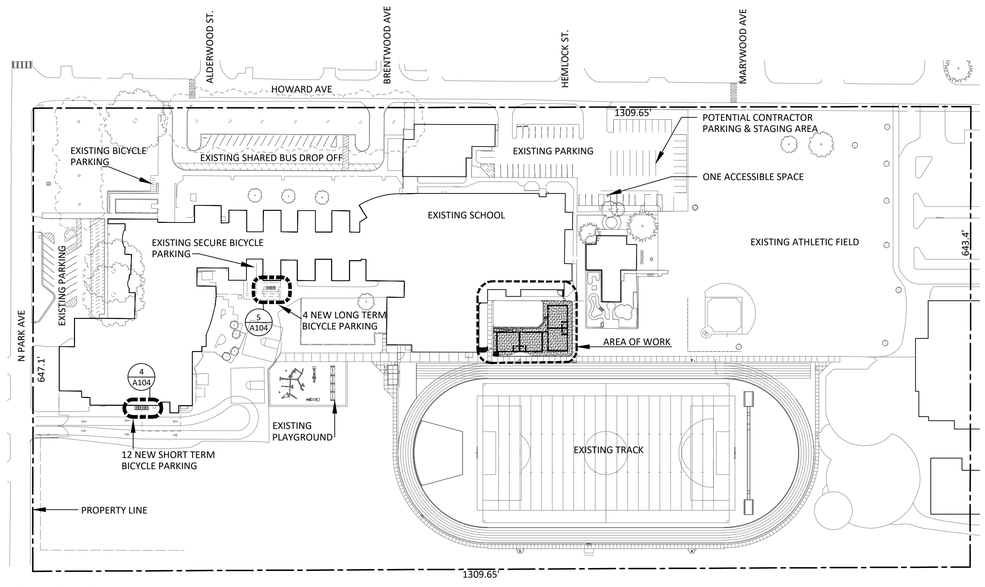
ADDITIONAL CAPACITY OF 2 MODULAR BUILDINGS W/(4) CLASSROOMS TOTAL (+120 STUDENTS)

BICYCLE PARKING PER TABLE 9.6105
120 ADDED CAPACITY MIDDLE SCHOOL STUDENTS
1 BICYCLE RACK PER 8 STUDENTS REQUIRED: 25% LONG TERM, 75% SHORT TERM.
15 NEW BICYCLE PARKING REQUIRED: 4 LONG TERM, 11 SHORT TERM.
SEE SITE PLAN FOR LOCATION.

VEHICLE PARKING PER TABLE 9.6410
324 ELEMENTARY SCHOOL STUDENTS/8 = 41 SPACES REQUIRED
600 MIDDLE SCHOOL STUDENTS + 120 NEW MIDDLE SCHOOL STUDENTS
720 MIDDLE SCHOOL STUDENTS/9 = 80 SPACES REQUIRED
121 TOTAL SPACES REQUIRED* LESS 25% REDUCTION = 91 TOTAL SPACES REQUIRED
98 TOTAL SPACES PROVIDED
PER OSSC 1106.1, 4 ACCESSIBLE SPACES INCLUDING 1 VAN ACCESSIBLE SPACE REQUIRED
7 ACCESSIBLE SPACES PROVIDED
NO TIA REQUIRED
SEE SITE PLAN FOR LOCATIONS.

VICINITY MAP
NTS

NORTH



1 SITE PLAN
1" = 100'

0 25' 50' 100' 200'

NORTH

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860 West Park Street / Ste 300
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REGISTERED ARCHITECT
JOSEPH E. MOORE
EUGENE, OREGON
6033
STATE OF OREGON

REVISIONS

KELLY MS MODULAR CLASSROOMS
850 HOWARD AVE, EUGENE OR 97404
CONSTRUCTION DOCUMENTS

JOB NO: 21336
ISSUE DATE: 14 JULY 2021

COVER SHEET AND GENERAL INFORMATION

G101

GENERAL NOTES

1. SURVEY PROVIDED BY BALZHISER & HUBBARD ENGINEERS, DATED 09/18/2013. ELEVATIONS ARE BASED ON CITY OF EUGENE VERTICAL DATUM ESTABLISHED PER BENCH MARK NO. RR0899, WITH AN ELEVATION OF 395.68'.

2. SITE WORK AND BUILDING RENOVATIONS HAVE BEEN PERFORMED SINCE SURVEY WAS COMPLETED. SOME INFORMATION SHOWN ON PLANS IS BASED ON AS-BUILTS OF THE 2018 TRACK & FIELD PROJECT. CONTRACTOR TO CONFIRM FIELD CONDITIONS PRIOR TO CONSTRUCTION.

3. CONSTRUCTION LAYOUT (ALL ACTUAL LINES AND GRADES) SHALL BE STAKED BY A PROFESSIONAL SURVEYOR, REGISTERED IN THE STATE OF OREGON, BASED ON COORDINATES, DIMENSIONS, BEARINGS, AND ELEVATIONS, AS SHOWN, ON THE PLANS.

4. PROJECT CONTROL SHALL BE FIELD VERIFIED AND CHECKED FOR RELATIVE HORIZONTAL POSITION PRIOR TO BEGINNING CONSTRUCTION LAYOUT. SEE SHEET C2.0 FOR PROJECT CONTROL INFORMATION.

5. PROJECT CONTROL SHALL BE FIELD VERIFIED AND CHECKED FOR RELATIVE VERTICAL POSITION BASED ON THE BENCHMARK STATED HEREON, PRIOR TO BEGINNING CONSTRUCTION LAYOUT.

6. WHEN DIMENSIONS AND COORDINATE LOCATIONS ARE REPRESENTED - DIMENSIONS SHALL HOLD OVER COORDINATE LOCATION. NOTIFY THE CIVIL ENGINEER OF RECORD IMMEDIATELY UPON DISCOVERY OF ANY DISCREPANCIES.

7. BUILDING SETBACK DIMENSIONS FROM PROPERTY LINES SHALL HOLD OVER ALL OTHER CALLOUTS. PROPERTY LINES AND ASSOCIATED BUILDING SETBACKS SHALL BE VERIFIED PRIOR TO CONSTRUCTION LAYOUT.

8. CONTRACTOR SHALL PRESERVE AND PROTECT FROM DAMAGE ALL EXISTING MONUMENTATION DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING AND PAYING FOR THE REPLACEMENT OF ANY MONUMENTS DAMAGED OR REMOVED DURING CONSTRUCTION. NEW MONUMENTS SHALL BE REESTABLISHED BY A LICENSED SURVEYOR.

9. SOME SITE DEMOLITION AND UTILITY RELOCATION HAS BEEN PERFORMED. SURVEY MAY NOT BE COMPLETE OR ACCURATE. CONTRACTOR TO VERIFY EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ENGINEER PRIOR TO BEGINNING CONSTRUCTION.

10. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO THESE PLANS, THE PROJECT SPECIFICATIONS AND THE APPLICABLE REQUIREMENTS OF THE 2018 OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION, THE 2021 OREGON PLUMBING SPECIALTY CODE AND REQUIREMENTS OF THE CITY OF EUGENE.

11. THE COMPLETED INSTALLATION SHALL CONFORM TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES, ORDINANCES AND REGULATIONS. ALL PERMITS, LICENSES AND INSPECTIONS REQUIRED BY THE GOVERNING AUTHORITIES FOR THE EXECUTION AND COMPLETION OF WORK SHALL BE SECURED BY THE CONTRACTOR PRIOR TO COMMENCING CONSTRUCTION.

12. ATTENTION: OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0090. YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER. (NOTE: THE TELEPHONE NUMBER FOR THE OREGON UTILITY NOTIFICATION CENTER IS (503) 232-1987). EXCAVATORS MUST NOTIFY ALL PERTINENT COMPANIES OR AGENCIES WITH UNDERGROUND UTILITIES IN THE PROJECT AREA AT LEAST 48 BUSINESS-DAY HOURS, BUT NOT MORE THAN 10 BUSINESS DAYS PRIOR TO COMMENCING AN EXCAVATION, SO UTILITIES MAY BE ACCURATELY LOCATED.

13. THE LOCATION OF EXISTING UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE FOR INFORMATION ONLY AND ARE NOT GUARANTEED TO BE COMPLETE OR ACCURATE. CONTRACTOR SHALL VERIFY ELEVATIONS, PIPE SIZE, AND MATERIAL TYPES OF ALL UNDERGROUND UTILITIES PRIOR TO COMMENCING WITH CONSTRUCTION AND SHALL BRING ANY DISCREPANCIES TO THE ATTENTION OF KPFF CONSULTING ENGINEERS, 72 HOURS PRIOR TO START OF CONSTRUCTION TO PREVENT GRADE AND ALIGNMENT CONFLICTS.

14. THE ENGINEER OR OWNER IS NOT RESPONSIBLE FOR THE SAFETY OF THE CONTRACTOR OR HIS CREW. ALL O.S.H.A. REGULATIONS SHALL BE STRICTLY ADHERED TO IN THE PERFORMANCE OF THE WORK.

15. TEMPORARY AND PERMANENT EROSION CONTROL MEASURES SHALL BE IMPLEMENTED. THE CONTRACTOR SHALL ADHERE TO CITY OF FOR MINIMUM EROSION CONTROL MEASURES. THE ESC FACILITIES SHOWN IN THESE PLANS ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, ESC FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND TO ENSURE THAT SEDIMENT AND SEDIMENT LADEN WATER DO NOT LEAVE THE SITE.

16. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL ROADWAYS, KEEPING THEM CLEAN AND FREE OF CONSTRUCTION MATERIALS AND DEBRIS, AND PROVIDING DUST CONTROL AS REQUIRED.

17. TRAFFIC CONTROL SHALL BE PROVIDED BY THE CONTRACTOR THROUGHOUT CONSTRUCTION. CONTRACTOR SHALL PROVIDE A TRAFFIC CONTROL PLAN TO CITY OF EUGENE FOR REVIEW AND APPROVAL PRIOR TO COMMENCING CONSTRUCTION.

18. CONTRACTOR SHALL MAINTAIN ALL UTILITIES TO BUILDINGS AT ALL TIMES DURING CONSTRUCTION.

19. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND SCHEDULING ALL WORK WITH THE OWNER.

20. NOTIFY CITY OF EUGENE INSPECTOR 72 HOURS BEFORE STARTING WORK. A PRECONSTRUCTION MEETING WITH THE OWNER, THE OWNER'S ENGINEER, CONTRACTOR AND THE CITY OF EUGENE REPRESENTATIVE SHALL BE REQUIRED.

CONSTRUCTION NOTES

GENERAL

1. SUBGRADE AND TRENCH BACKFILL SHALL BE COMPACTED TO AT LEAST 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D-698. FLOODING OR JETTING THE BACKFILLED TRENCHES WITH WATER IS NOT PERMITTED.

2. SPECIAL INSPECTION REQUIRED FOR ALL COMPACTION TESTING.

DEMOLITION

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEMOLITION AND DISPOSAL OF EXISTING AC, CURBS, SIDEWALKS AND OTHER SITE ELEMENTS WITHIN THE SITE AREA IDENTIFIED IN THE PLANS.

2. EXCEPT FOR MATERIALS INDICATED TO BE STOCKPILED OR TO REMAIN ON OWNER'S PROPERTY, CLEARED MATERIALS SHALL BECOME CONTRACTOR'S PROPERTY, REMOVED FROM THE SITE, AND DISPOSED OF PROPERLY.

3. ITEMS INDICATED TO BE SALVAGED SHALL BE CAREFULLY REMOVED AND DELIVERED STORED AT THE PROJECT SITE AS DIRECTED BY THE OWNER.

4. ALL LANDSCAPING, PAVEMENT, CURBS AND SIDEWALKS, BEYOND THE IDENTIFIED SITE AREA, DAMAGED DURING THE CONSTRUCTION SHALL BE REPLACED TO THEIR ORIGINAL CONDITION OR BETTER.

5. CONCRETE SIDEWALKS SHOWN FOR DEMOLITION SHALL BE REMOVED TO THE NEAREST EXISTING CONSTRUCTION JOINT.

6. SAWCUT STRAIGHT MATCHLINES TO CREATE A BUTT JOINT BETWEEN THE EXISTING AND NEW PAVEMENT.

UTILITIES

1. ADJUST ALL INCIDENTAL STRUCTURES, MANHOLES, VALVE BOXES, CATCH BASINS, FRAMES AND COVERS, ETC. TO FINISHED GRADE.

2. CONTRACTOR SHALL ADJUST ALL EXISTING AND/OR NEW FLEXIBLE UTILITIES (WATER, TV, TELEPHONE, ELEC., ETC.) TO CLEAR ANY EXISTING OR NEW GRAVITY DRAIN UTILITIES (STORM DRAIN, SANITARY SEWER, ETC.) IF CONFLICT OCCURS.

3. CONTRACTOR SHALL COORDINATE WITH PRIVATE UTILITY COMPANIES FOR THE INSTALLATION OF OR ADJUSTMENT TO GAS, ELECTRICAL, POWER AND TELEPHONE SERVICE.

4. BEFORE BACKFILLING ANY SUBGRADE UTILITY IMPROVEMENTS CONTRACTOR SHALL SURVEY AND RECORD MEASUREMENTS OF EXACT LOCATION AND DEPTH AND SUBMIT TO ENGINEER AND OWNER.

5. ALL WORK TO CONFORM TO THE 2021 OREGON PLUMBING SPECIALTY CODE

STORM AND SANITARY

1. CONNECTIONS TO EXISTING STORM AND SANITARY SEWERS SHALL CONFORM TO THE 2018 OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION, SECTION 00490, "WORK ON EXISTING SEWERS AND STRUCTURES".

2. BEGIN LAYING STORM DRAIN AND SANITARY SEWER PIPE AT THE LOW POINT OF THE SYSTEM, TRUE TO GRADE AND ALIGNMENT INDICATED WITH UNBROKEN CONTINUITY OF INVERT. THE CONTRACTOR SHALL ESTABLISH LINE AND GRADE FOR THE STORM AND SANITARY SEWER PIPE USING A LASER.

3. ACTUAL LINES AND GRADES SHALL BE STAKED BY A QUALIFIED SURVEYOR, BASED ON COORDINATES, DIMENSIONS AND BEARINGS INDICATED ON THE PLANS. CONTRACTOR SHALL RETAIN A SURVEYOR LICENSED IN THE STATE OF OREGON.

4. ALL ROOF DRAIN AND CATCH BASIN LEADERS SHALL HAVE A MINIMUM SLOPE OF 2 PERCENT UNLESS NOTED OTHERWISE IN THE PLANS.

5. ALL HORIZONTAL CONNECTIONS TO THE SANITARY OR STORM SEWERS SHALL BE OF THE 'WYE' BRANCH TYPE.

EARTHWORKS

1. CONTRACTOR SHALL PREVENT SEDIMENTS AND SEDIMENT LADEN WATER FROM ENTERING THE STORM DRAINAGE SYSTEM.

2. TRENCH BEDDING AND BACKFILL SHALL BE AS SHOWN ON THE PIPE BEDDING AND BACKFILL DETAIL, THE PROJECT SPECIFICATIONS AND AS REQUIRED IN THE SOILS REPORT. FLOODING OR JETTING THE BACKFILLED TRENCHES WITH WATER WILL NOT BE PERMITTED.

ABBREVIATIONS

AC	ASPHALT CONCRETE
AD	AREA DRAIN
APPROX	APPROXIMATE
B	BOLLARD
BLDG	BUILDING
CB	CATCH BASIN
CL	CENTERLINE
CO	CLEANOUT
CONC.	CONCRETE
COTG	CLEANOUT TO GRADE
CP	CONTROL POINT
Δ	DELTA
D/W	DRIVEWAY
DIA.,Ø	DIAMETER
E	EASTING
EXIST./EX	EXISTING
FG	FINISH GRADE
FH	FIRE HYDRANT
FL	FLOWLINE
GB	GRADE BREAK
H	HEIGHT
HP	HIGH POINT
IE	INVERT ELEVATION
INV	INVERT
IRR.	IRRIGATION
LP	LIGHT POLE
MH	MANHOLE
MIN	MINIMUM
N	NORTHING
O.D	OUTSIDE DIAMETER
OVH/OH	OVERHEAD
P/L	PROPERTY LINE
PED	PEDESTRIAN
PP	POWER POLE
P.U.E	PUBLIC UTILITY EASEMENT
PVC	POLYVINYL CHLORIDE
PVMT	PAVEMENT
PVT	PRIVATE
R	RIM
RD	ROOF DRAIN
R.O.W	RIGHT-OF-WAY
S	SLOPE (FT/FT)
SD	STORM DRAIN
SDMH	STORM DRAIN MANHOLE
SHT	SHEET
SS	SANITARY SEWER
SSMH	SANITARY SEWER MANHOLE
ST	STREET
STA	STATION
STD	STANDARD
S/W	SIDEWALK
TP	TOP OF PAVEMENT
TRANS.	TRANSFORMER
TYP	TYPICAL
UG	UNDERGROUND
UNO	UNLESS NOTED OTHERWISE

NOTICE TO EXCAVATORS:
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(NOTE: THE TELEPHONE NUMBER FOR THE OREGON UTILITY NOTIFICATION CENTER IS (503)-232-1987).

POTENTIAL UNDERGROUND FACILITY OWNERS

Call before you dig.

Oregon 811 UTILITY NOTIFICATION CENTER or 800-332-2344

SHEET INDEX

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REGISTERED PROFESSIONAL ENGINEER 56481 — DIGITALLY SIGNED OREGON JUL 19, 2005 — MATTHEW M. KEENAN

EXPIRATION DATE: 6/30/2023

REVISIONS

KELLY MS MODULAR CLASSROOMS

850 HOWARD AVE, EUGENE OR 97404

CONSTRUCTION DOCUMENTS

JOB NO: 21336

ISSUE DATE: 14 JUL 21

CIVIL NOTES & ABBREVIATIONS

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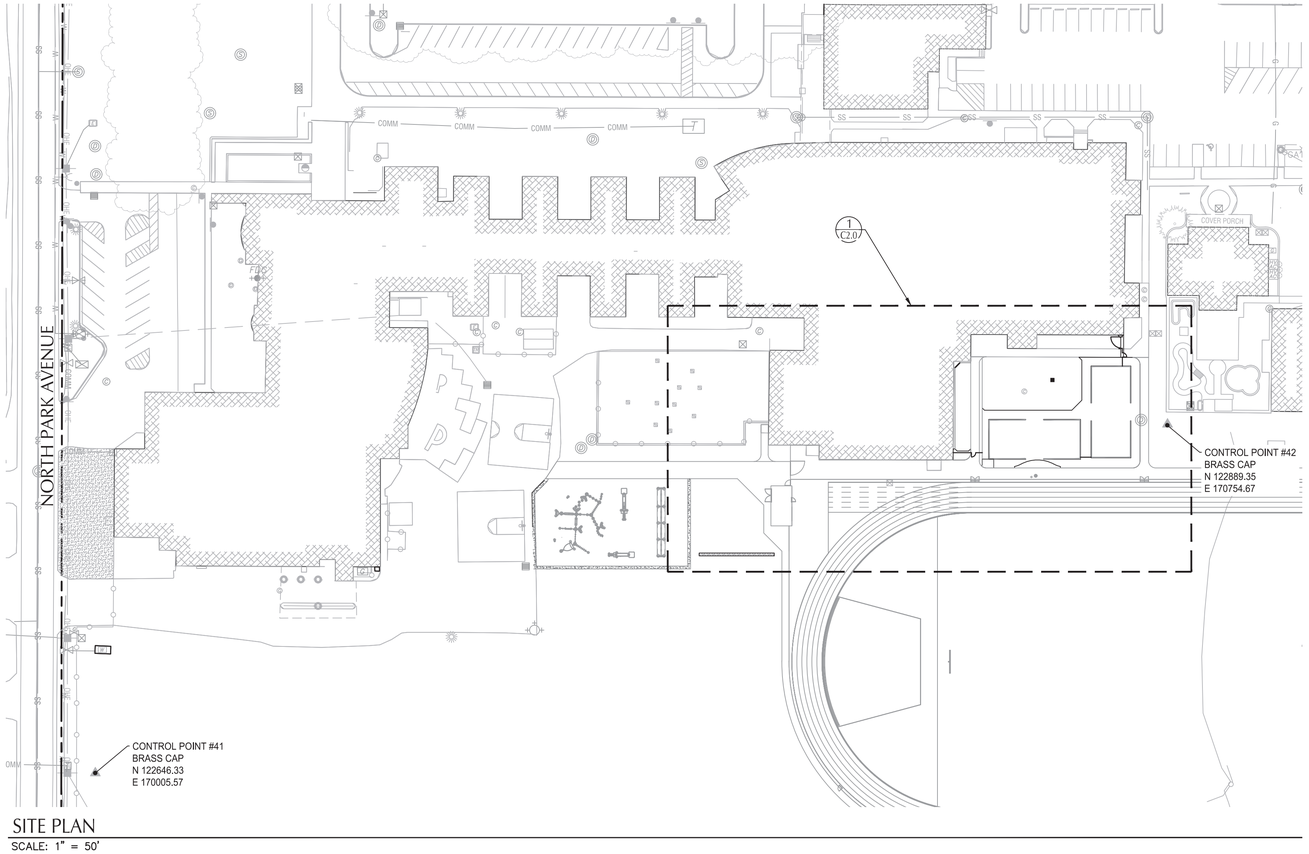
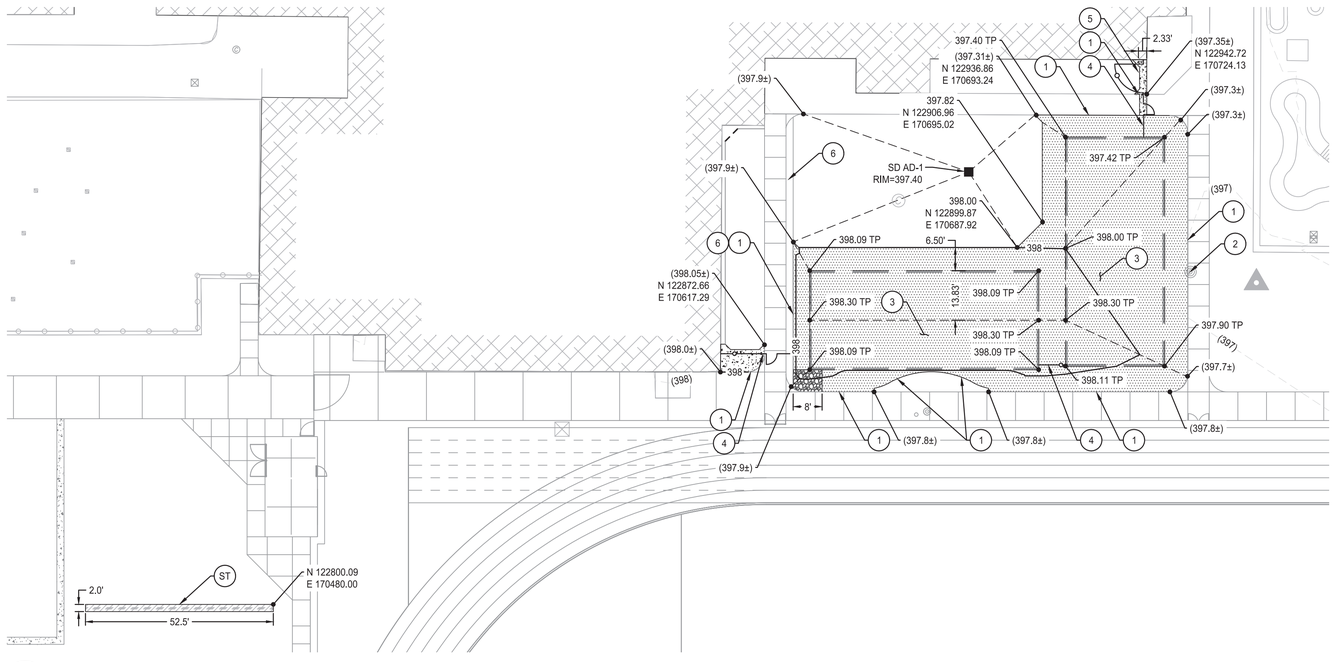


SITE PLAN

SCALE: 1" = 50'



1 SITE PAVING & GRADING DETAIL

SCALE: 1" = 20'

SHEET NOTES

1. ALL DIMENSIONS ARE TO FACE OF CURB OR FACE OF WALL.
2. SLOPES PROVIDED ON SLOPE ARROW ARE FOR REFERENCE ONLY.
3. LANDINGS ON ACCESSIBLE ROUTES SHALL NOT EXCEED 2% IN ANY DIRECTION.
4. ALL ACCESSIBLE ROUTES SHALL COMPLY WITH CURRENT ADA ACCESSIBILITY GUIDELINES FOR BUILDING AND FACILITIES (ADAAG).

(X) KEY NOTES

#	DESCRIPTION	DETAIL REF.
1	MATCH EXISTING	
2	PROTECT EXISTING UTILITY	
3	MODULAR BUILDING BY OTHERS	
4	FENCING AND GATE, SEE ARCHITECTURAL PLANS FOR LOCATION & EXTENTS	7/C4.0
5	CONCRETE MOWSTRIP	8/C4.0
6	REMOVE EXISTING FENCE AND PROTECT EXISTING CONCRETE MOWSTRIP. PATCH EXISTING MOWSTRIP FOLLOWING FENCE REMOVAL.	
ST	SOAKAGE TRENCH	4/C4.0

GRADING LABEL LEGEND

CALLOUT	DESCRIPTION
X.X%	GRADING SLOPE AND DIRECTION (DOWNHILL)
XX.XX XX	SPOT ELEVATION DESCRIPTION LISTED BELOW. NO DESCRIPTION MEANS TP OR TG
EG	EXISTING GRADE
FF	FINISHED FLOOR
TG	TOP OF GROUND
TP	TOP OF PAVEMENT
(XXX.X±)	EXISTING GRADE (MATCH WHERE APPLICABLE)

SHEET LEGEND

- PROPERTY LINE
- GRADE BREAK
- 49 EX. CONTOUR MINOR
- 50 EX. CONTOUR MAJOR
- 49 CONTOUR MINOR (FG)
- 50 CONTOUR MAJOR (FG)
- DRAINAGE FLOW DIRECTION
- ASPHALT PAVEMENT — 1/C4.0
- SOAKAGE TRENCH — ST/C4.0
- CRUSHED ROCK. 1" DEPTH 1/4" MINUS COMPACTED ON 3" OF 3/4" MINUS.
- CONCRETE SIDEWALK — 6/C4.0

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REGISTERED PROFESSIONAL ENGINEER
56481
DIGITALLY SIGNED
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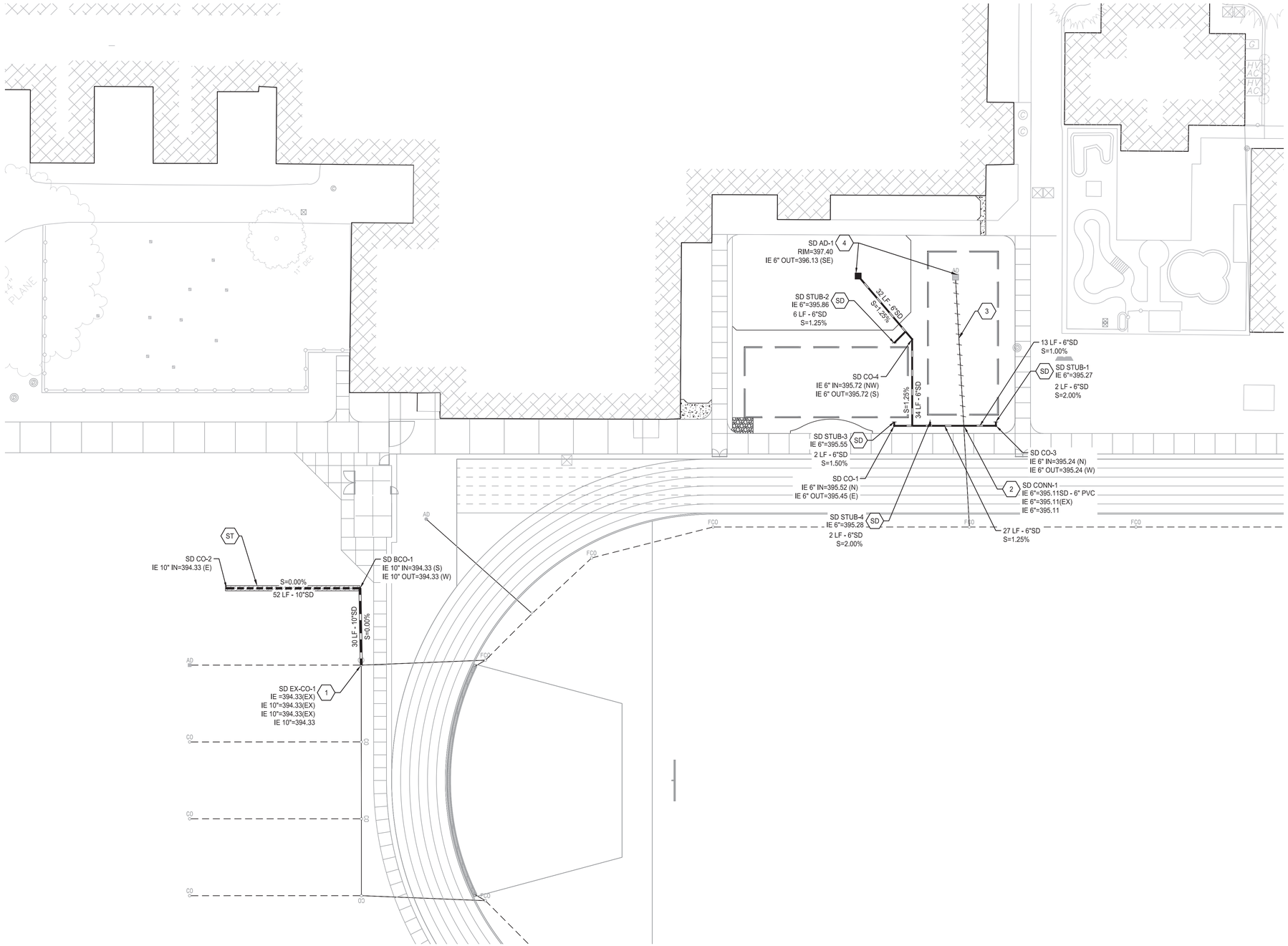
PAVING & GRADING PLAN

C2.0



SHEET NOTES

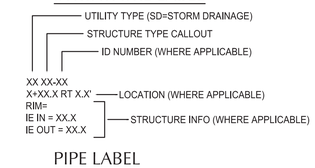
1. PIPE BEDDING AND BACKFILL FOR ALL UTILITIES SHALL BE DONE PER DETAIL 2/C4.0.
2. STATIONS AND OFFSETS SHOWN ON STRUCTURES ARE SHOWN AT CENTER OF STRUCTURE.

(X) UTILITY KEY NOTES

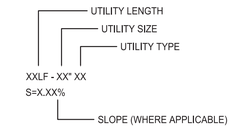
NOTE	DESCRIPTION	DETAIL REF.
1	CONNECT TO EXISTING BURIED CLEANOUT. CLEANOUT LOCATION BASED ON AS-BUILTS AND IS NOT VISIBLE IN FIELD. CONTRACTOR TO POTHOLE AND FIELD LOCATE CLEANOUT PRIOR TO CONSTRUCTION.	
2	CONNECT TO EXISTING STORM LINE.	
3	EXISTING STORM LINE TO BE PROTECTED IN PLACE. PLUG PIPE WITH MECHANICAL PLUG AT AREA DRAIN.	
4	RELOCATE EXISTING AREA DRAIN. PROVIDE CONCRETE MOWSTRIP COLLAR AROUND DRAIN PER DETAIL 8/C4.0.	
SD	CONNECT TO STORM DRAIN/ROOF DRAIN. SEE PLUMBING PLANS FOR CONTINUATION. SIZE AND IE AS NOTED.	
ST	SOAKAGE TRENCH	

UTILITY LABEL LEGEND

STRUCTURE LABEL



PIPE LABEL



STRUCTURE TYPE

CALLOUT	DESCRIPTION	DETAIL REF.
BCO	BURIED CLEANOUT TO GRADE	5/C4.0
CO	CLEANOUT TO GRADE	3/C4.0
STUB	STUB	

SHEET LEGEND

PROPERTY LINE

REMOVE OR ABANDON UTILITY LINE IN PLACE

SD STRUCTURE TABLE

STRUCTURE ID	NORTHING	EASTING
AD-1	122920.99	170674.37
BCO-1	122799.09	170480.00
CO-1	122862.50	170688.43
CO-2	122799.09	170428.00
CO-3	122862.53	170728.10
CO-4	122896.32	170695.42
CONN-1	122862.53	170715.57
EX-CO-1	122769.09	170480.50
STUB-1	122864.03	170728.10
STUB-2	122894.87	170688.43
STUB-3	122864.02	170688.43
STUB-4	122864.02	170702.43

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REGISTERED PROFESSIONAL ENGINEER
56481
DIGITALLY SIGNED
OREGON
JUL 19, 2002
MATTHEW M. KEENAN
EXPIRATION DATE: 6/30/2023

REVISIONS

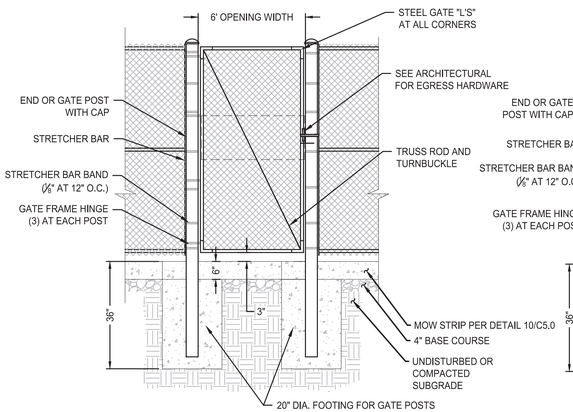
KELLY MS MODULAR CLASSROOMS

850 HOWARD AVE, EUGENE OR 97404
CONSTRUCTION DOCUMENTS

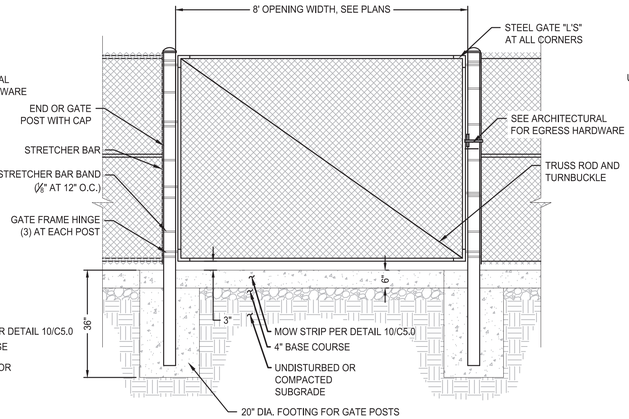
JOB NO: 21336
ISSUE DATE: 14 JUL 21

UTILITY PLAN

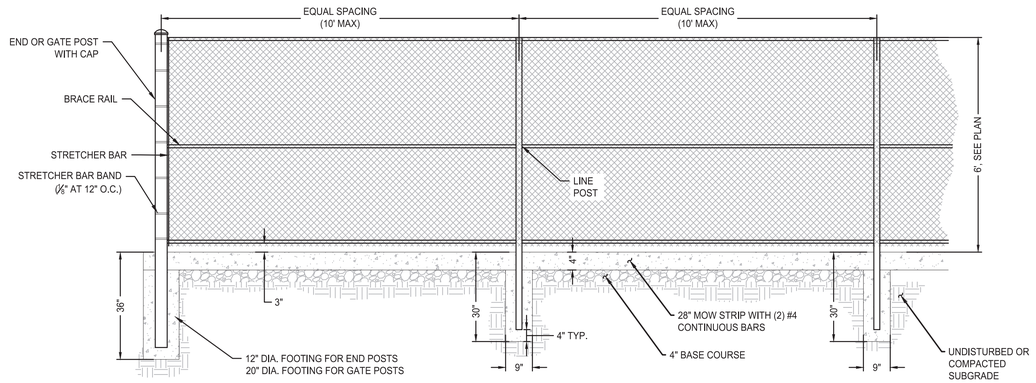
C3.0



SINGLE 3' SWING GATE



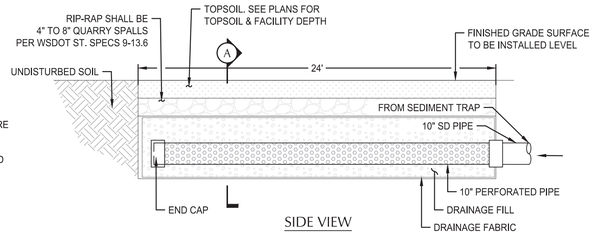
SINGLE 8' SWING GATE



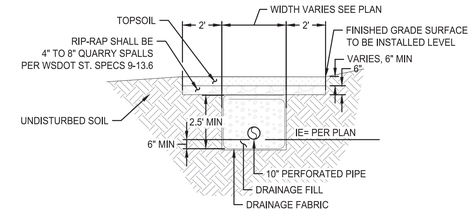
CHAIN LINK FENCE

FENCING NOTES:
1. COORDINATE LAYOUT WITH CONCRETE WORK.
2. SUBMIT SHOP DRAWINGS PER SPECIFICATIONS.
3. INSTALL BOTTOM RAIL 3" ABOVE GRADE AND BOTTOM OF CHAIN LINK 2" ABOVE GRADE.
4. CHAIN LINK TO BE BLACK POLYMER COATED. SEE PLANS FOR TYPE.

7 CHAIN LINK FENCING & GATES
SCALE: NTS

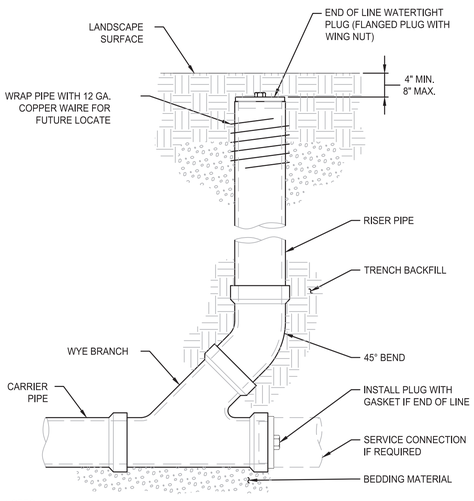


SIDE VIEW



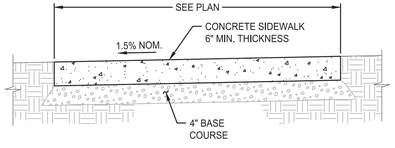
SECTION A

4 SOAKAGE TRENCH
SCALE: NTS



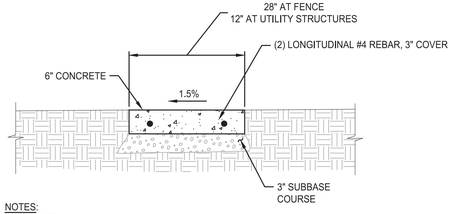
NOTES:
1. FOR CARRIER PIPE SIZE 6"Ø AND LESS, PROVIDE RISER PIPE SIZE TO MATCH CARRIER PIPE.
2. FOR CARRIER PIPE SIZE 8"Ø AND LARGER, RISER PIPE SHALL BE 6"Ø.
3. RISER PIPE MATERIAL TO MATCH CARRIER PIPE MATERIAL.

5 BURIED CLEANOUT
SCALE: NTS



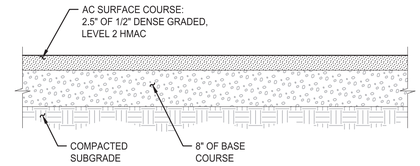
NOTES:
1. SEE DETAIL 5/C5.1 FOR SIDEWALK SECTION ADJACENT TO PEDESTRIAN RAILING.
2. JOINTS:
   - CONSTRUCT CONTRACTION JOINTS AT 15' MAX. SPACING AND AT RAMPS.
   - CONSTRUCT EXPANSION JOINTS AT 200' MAX. SPACING AT POINTS OF TANGENCY AND AT ENDS OF EACH DRIVEWAY.
3. PROVIDE MEDIUM TO COARSE BROOM FINISH.

6 CONCRETE SIDEWALK
SCALE: NTS

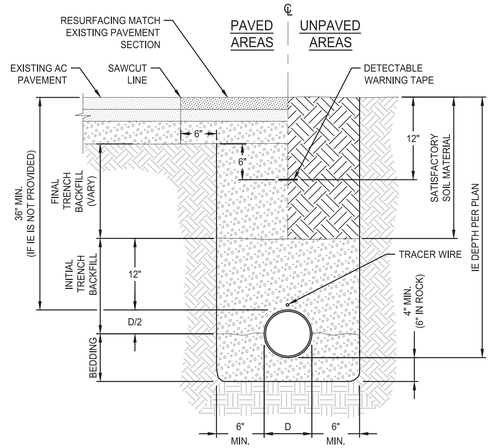


NOTES:
1. JOINTS:
   - CONSTRUCT SCORE JOINTS AT 3' MAX. SPACING AND CONTRACTION JOINTS AT 12' MAX. SPACING.
2. PROVIDE MEDIUM TO COARSE BROOM FINISH.
3. MOW STRIP TO BE CENTERED ON FENCE WHEN USED AT FENCE LINE.

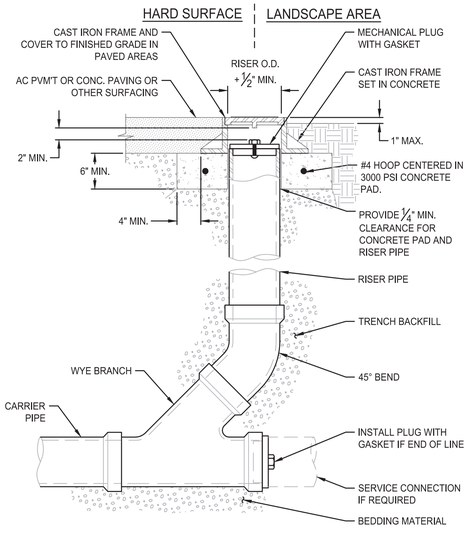
8 MOW STRIP
SCALE: NTS



1 ASPHALT PAVEMENT SECTION
SCALE: NTS



2 TYPICAL PIPE BEDDING AND BACKFILL
SCALE: NTS



NOTES:
1. CAST IRON FRAME AND COVER SHALL MEET H-20 LOAD REQUIREMENT.
2. FOR CARRIER PIPE SIZE 6"Ø AND LESS, PROVIDE RISER PIPE SIZE TO MATCH CARRIER PIPE.
3. FOR CARRIER PIPE SIZE 8"Ø AND LARGER, RISER PIPE SHALL BE 6"Ø.
4. RISER PIPE MATERIAL TO MATCH CARRIER PIPE MATERIAL.

3 STANDARD CLEANOUT (COTG)
SCALE: NTS

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REGISTERED PROFESSIONAL ENGINEER 56481 DIGITALLY SIGNED OREGON JULY 19, 2005 MATTHEW M. KEENAN
EXPIRATION DATE: 6/30/2023

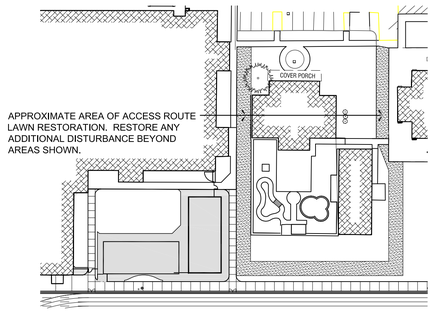
REVISIONS

KELLY MS MODULAR CLASSROOMS
850 HOWARD AVE, EUGENE OR 97404
CONSTRUCTION DOCUMENTS

JOB NO: 21336
ISSUE DATE: 14 JUL 21

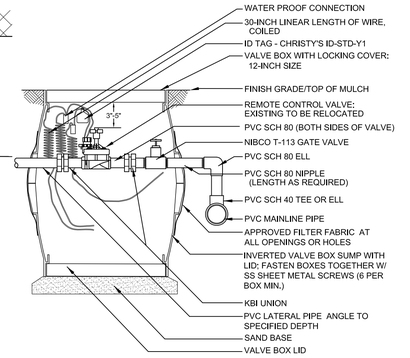
CIVIL DETAILS

C4.0



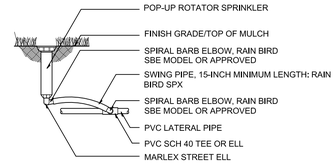
LAWN RESTORATION AT ACCESS ROUTES
PLAN DIAGRAM SCALE: 1"=60'-0"

LANDSCAPE PLAN

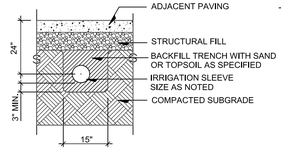


NOTE: CONTRACTOR TO COMPACT BACKFILL IN LIFTS. SATURATE SOIL AROUND VALVE BOX ASSEMBLY, RE-COMPACT AND PROVIDE ADDITIONAL MATERIAL AS NECESSARY TO PREVENT SETTLING OF BOX ASSEMBLY UNDER MOWER WEIGHT.

1 L-1 AUTOMATIC CONTROL VALVE
SECTION SCALE: 1" = 1'-0"



2 L-1 FLUSH MOUNTED POP-UP ROTATOR NOZZLE SPRINKLER
SECTION SCALE: 1" = 1'-0"

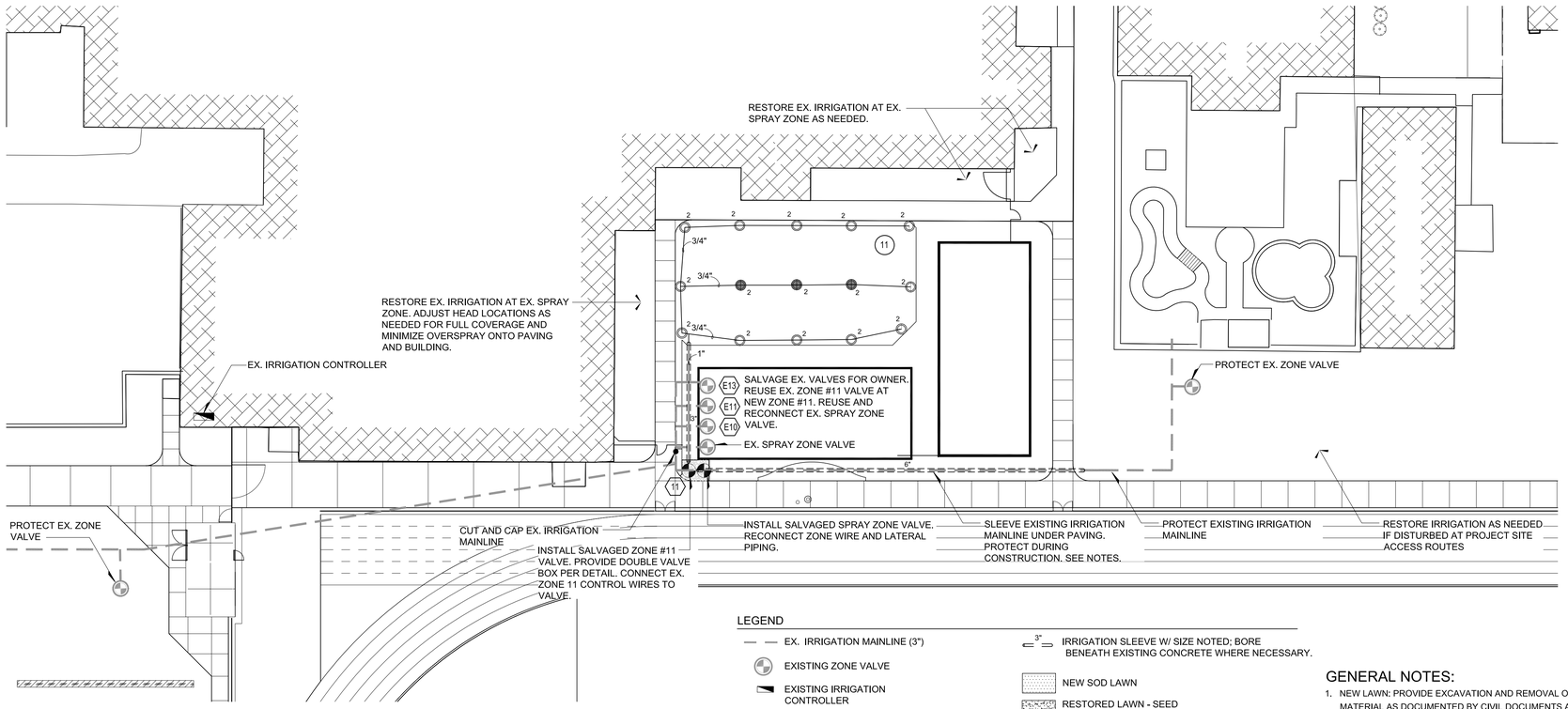


NOTE: - EXTEND SLEEVES 4" BEYOND PAVEMENT EDGES.
- INSTALL 1X2 RED TOP WOOD LOCATION STAKES @ FACE OF WALK OR CURB @ BOTH ENDS OF ALL IRRIGATION SLEEVES. HOLD DOWN 1" BELOW TOP OF CURB OR WALK.

3 L-1 IRRIGATION SLEEVING
SECTION SCALE: 1/2" = 1'-0"

IRRIGATION NOTES

1. SEE SPECIFICATIONS FOR ADDITIONAL IRRIGATION SYSTEM AND RECORD DRAWING REQUIREMENTS
2. EXISTING MAINLINE PIPING AND VALVE LOCATIONS DERIVED FROM 4J RECORD DRAWINGS. CONTRACTOR TO POTHOLE AS REQUIRED TO CONFIRM MAINLINE ROUTING.
3. ***WATER TO EXISTING IRRIGATION ZONES MUST BE MAINTAINED THROUGHOUT CONSTRUCTION.*** CONTRACTOR TO COORDINATE ANY TEMPORARY DISRUPTION OF EXISTING IRRIGATION WITH OWNER TO ALLOW SATURATION OF EXISTING PLANT MATERIAL PRIOR TO DISRUPTION OF IRRIGATION WATER SUPPLY.
4. EXCAVATE BY HAND WITHIN AREAS OF EXISTING IRRIGATION PIPING AND CONTROL WIRES TO REMAIN.
5. IMMEDIATELY CAP MAINLINE AND LATERAL LINES AFTER CUTTING TO PREVENT CONTAMINATION OF EXISTING SYSTEM DURING PIPE RELOCATION WORK.
6. CLEANLY CUT AND CAP ALL EXISTING IRRIGATION AT LIMIT OF DISTURBANCE LINES SHOWN PRIOR TO START OF SITE WORK.
7. STAKE LOCATION OF, PROTECT AND RESTORE ALL EXISTING IRRIGATION SYSTEM COMPONENTS TO REMAIN.
8. ALL REMOVED EQUIPMENT NOT RE-USED TO BE PROVIDED TO OWNER.
9. REMOVE ALL ABANDONED SURFACE HARDWARE, VALVE BOXES AND EQUIPMENT TO 18" BELOW GRADE, BACKFILL HOLES AND RESTORE PLANT COVER.
10. LABEL WIRES ON BOTH SIDES OF PROPOSED CUT(S) PRIOR TO CUTTING WIRES. CUT WIRES WITH 48" INCH LENGTH OF EXTRA WIRE.
11. WIRES TO BE LABELED ACCORDING TO ZONE NUMBER ON BOTH SIDES OF SPLICE(S) WHEN RECONNECTED.
12. CONTROL WIRE SPLICES TO BE IN 12" STANDARD VALVE BOX AND WIRES CONNECTED USING SPECIFIED WATERPROOF CONNECTORS.
13. CONTRACTOR RESPONSIBLE FOR ENSURING THAT ALL EXISTING ZONES OPERATE CORRECTLY UPON RE-CONNECTION OF CONTROL WIRES.
14. UPON PROJECT COMPLETION, OPERATE ALL ZONES CONNECTED TO THIS MAINLINE AND VERIFY NOZZLES ARE NOT CLOGGED. CLEAN OR REPLACE AS NECESSARY. SOME ZONES CONNECTED TO THIS MAINLINE ARE OPERATED FROM CONTROLLERS NOT PART OF THIS PROJECT. COORDINATE WITH 4J TECHNICIAN TO INSPECT.
15. THOROUGHLY FLUSH MAINLINE SYSTEM UPON COMPLETION OF RELOCATION AND RECONNECTION TO ENSURE NO DEBRIS REMAINS.
16. ZONES TO BE MODIFIED AS NECESSARY TO MATCH PRE-DISTURBANCE COVERAGE OF PLANTING AREAS TO REMAIN UPON COMPLETION OF CONSTRUCTION ACTIVITY.
17. HAND WATER EXISTING PLANT MATERIAL AS NECESSARY THROUGH CONSTRUCTION AND REPLACE ANY EXISTING PLANT MATERIAL AFFECTED BY DISRUPTION OF EXISTING IRRIGATION SYSTEM.
18. MAINLINE AND CONTROL WIRE STUBS WHERE CAPPED TO BE LOCATED IN 10" ROUND VALVE BOXES.
19. PRESSURE TEST EXISTING SYSTEMS BEFORE AND AFTER ANY MAINLINE DISTURBANCE AND RESTORE MAINLINE TO PRE-DISTURBANCE CONDITION.
20. ***PRIOR TO DEMOLITION, CONTRACTOR TO OPERATE ALL ZONES WITHIN AND ADJACENT TO PROJECT AREA WITH OBSERVATION BY 4J IRRIGATION TECHNICIAN. NOTE LOCATION OF ALL VALVES WITH FIELD WIRING AND MAINLINE CONNECTIONS AFFECTED BY PROJECT WORK. CONTRACTOR TO PROVIDE SHOP DRAWING INDICATING PROPOSED LOCATION OF SPLICE BOXES AND PATH FOR REPLACEMENT WIRE IF AND WHERE FIELD ADJUSTMENTS TO THIS DRAWING MAY BE REQUIRED. SHOP DRAWING SHALL ALSO SHOW ANTICIPATED INTERRUPTIONS FROM MAINLINE WATER SUPPLY. REVIEW SHOP DRAWING WITH DESIGN TEAM AND 4J TECHNICIAN.***



VALVE SCHEDULE

ZONE	AREA	HEAD	PSI	GPM	SIZE
11	LAWN	RAIN BIRD RD06-S-P45	45	13.19	1"

HEAD SCHEDULE

SYMBOL	MAKE	MODEL	NOZZLE	PSI	GPM
	HUNTER	RD06-S-P45	MP2000	45	.46
	HUNTER	RD06-S-P45	MP2000	45	.85
	HUNTER	RD06-S-P45	MP2000	45	1.57

LEGEND

- EX. IRRIGATION MAINLINE (3")
- EXISTING ZONE VALVE
- EXISTING IRRIGATION CONTROLLER
- RELOCATED ZONE VALVE (PROVIDE SCH 40 MAINLINE CONNECTION AND DOUBLE VALVE BOX ASSEMBLY PER DETAIL AND SPECIFICATIONS)
- 11 IRRIGATION ZONE NUMBER
- 3" IRRIGATION SLEEVE W/ SIZE NOTED; BORE BENEATH EXISTING CONCRETE WHERE NECESSARY.
- NEW SOD LAWN
- RESTORED LAWN - SEED OR SOD
- E11 IRRIGATION VALVE NUMBER (EXISTING)
- 11 IRRIGATION VALVE NUMBER (RELOCATED VALVE)

IRRIGATION PLAN

GENERAL NOTES:

1. NEW LAWN: PROVIDE EXCAVATION AND REMOVAL OF ROCK AND OTHER STAGING MATERIAL AS DOCUMENTED BY CIVIL DOCUMENTS AND LANDSCAPE SPECIFICATIONS. EXCAVATE TO ALLOW FOR PLACEMENT OF 6" IMPORTED TOPSOIL. SEE SPECIFICATIONS. NEW LAWN TO BE SODDED.
2. RESTORE LAWNS AT ALL AREAS OF DISTURBANCE. EXTENTS OF DISTURBANCE TO BE DETERMINED IN FIELD. PROVIDE SOIL PREPARATION AND FILL PER SPECIFICATIONS. RESTORED LAWN MAY BE SEEDED OR SODDED.

LANDSCAPE PLAN

0 5 10 20 40 80
SCALE: 1"=20'-0" NORTH

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REGISTERED 279 David J. Dougherty OREGON LANDSCAPE ARCHITECT

REVISIONS

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CONSTRUCTION DOCUMENTS

JOB NO: 21336
ISSUE DATE: 14 JULY 2021

LANDSCAPE PLAN

L-1

ROOM SCHEDULE

ROOM NO.	ROOM NAME
1	EXISTING CLASSROOM
2	EXISTING CLASSROOM
3	EXISTING CLASSROOM
4	EXISTING CLASSROOM
5	EXISTING CLASSROOM
6	EXISTING CLASSROOM
7	EXISTING CLASSROOM
8	EXISTING CLASSROOM
9A	EXISTING CLASSROOM
9	EXISTING CLASSROOM
10	EXISTING CLASSROOM
11	EXISTING CLASSROOM
12	EXISTING CLASSROOM
13	EXISTING CLASSROOM
14	EXISTING CLASSROOM
15	EXISTING CLASSROOM
16	EXISTING CLASSROOM
17	EXISTING CLASSROOM
18	EXISTING CLASSROOM
19	EXISTING CLASSROOM
19A	EXISTING CLASSROOM
20	EXISTING CLASSROOM
21	EXISTING CLASSROOM
22	EXISTING CLASSROOM
23	EXISTING CLASSROOM
24	EXISTING CLASSROOM
25	EXISTING CLASSROOM
26	EXISTING CLASSROOM
27	EXISTING CLASSROOM
28	EXISTING CLASSROOM
29	EXISTING CLASSROOM
30	EXISTING CLASSROOM
31	EXISTING CLASSROOM
32	EXISTING CLASSROOM
33	EXISTING CLASSROOM
34	EXISTING CLASSROOM
35	EXISTING CLASSROOM
36	EXISTING CLASSROOM
37	MODULAR CLASSROOM
38	MODULAR CLASSROOM
39	MODULAR CLASSROOM
40	MODULAR CLASSROOM
RR1	EXISTING RESTROOM
RR2	EXISTING RESTROOM
RR3	EXISTING RESTROOM
RR4	EXISTING RESTROOM
RR5	EXISTING RESTROOM
RR6	EXISTING RESTROOM
RR7	EXISTING RESTROOM
RR8	EXISTING RESTROOM
RR9	EXISTING RESTROOM
RR10	EXISTING RESTROOM
RR11	EXISTING RESTROOM
RR12	EXISTING RESTROOM
RR13	EXISTING RESTROOM
RR14	EXISTING RESTROOM
RR15	EXISTING RESTROOM
RR16	EXISTING RESTROOM
RR17	EXISTING RESTROOM
RR18	EXISTING RESTROOM
RR19	EXISTING RESTROOM
RR20	EXISTING RESTROOM
6A	EXISTING WORK ROOM
LIB	EXISTING LIBRARY
LIBA	EXISTING LIBRARY OFFICE
LIBB	EXISTING LIBRARY OFFICE
TECH	EXISTING LIBRARY OFFICE
LKR1	EXISTING LOCKER ROOM
LKR2	EXISTING LOCKER ROOM
PLAY	EXISTING PLAYGROUND
AD1	EXISTING ADMINISTRATION
AD2	EXISTING COUNSELING
CAF	EXISTING CAFETERIA
STOR	EXISTING STORAGE
MUS	EXISTING MUSIC
G1	EXISTING GYM
G2	EXISTING GYM
G3	EXISTING GYM
H1	EXISTING HALL

SUMMARY

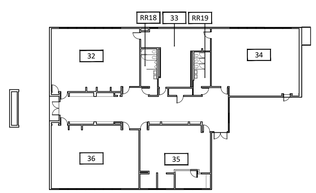
40 TOTAL CLASSROOMS: 36 EXISTING, 4 NEW

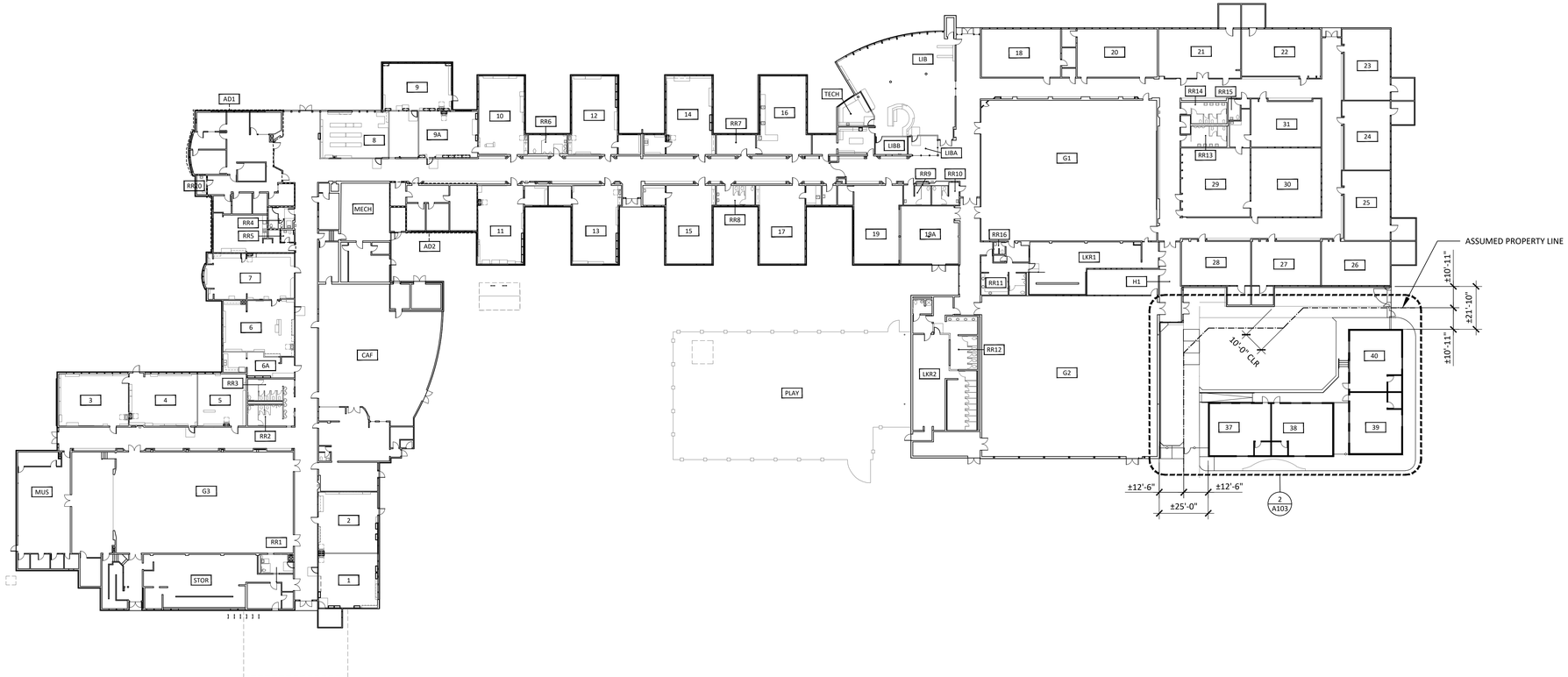
1 EXISTING CAFETERIA: ±3,563 SF

3 EXISTING GYMNASIUMS:
- -G1: ±6,428 SF
- -G2: ±7,330 SF
- -G3: ±5,815 SF

20 EXISTING RESTROOMS:
- -20 MALE WATER CLOSETS
- -22 FEMALE WATER CLOSETS
- -15 MALE LAVATORIES
- -17 FEMALE LAVATORIES

REFERENCE CODE SUMMARY FOR RATIO
ELEMENTARY:MIDDLE SCHOOL STUDENT CAPACITY





1 OVERALL BUILDING GROUND FLOOR PLAN
1/32" = 1'-0"

NORTH

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REGISTERED ARCHITECT
JOSEPH E. MOORE
EUGENE, OREGON
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STATE OF OREGON

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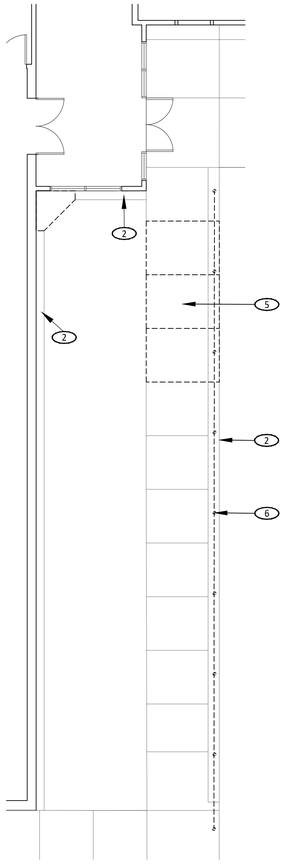
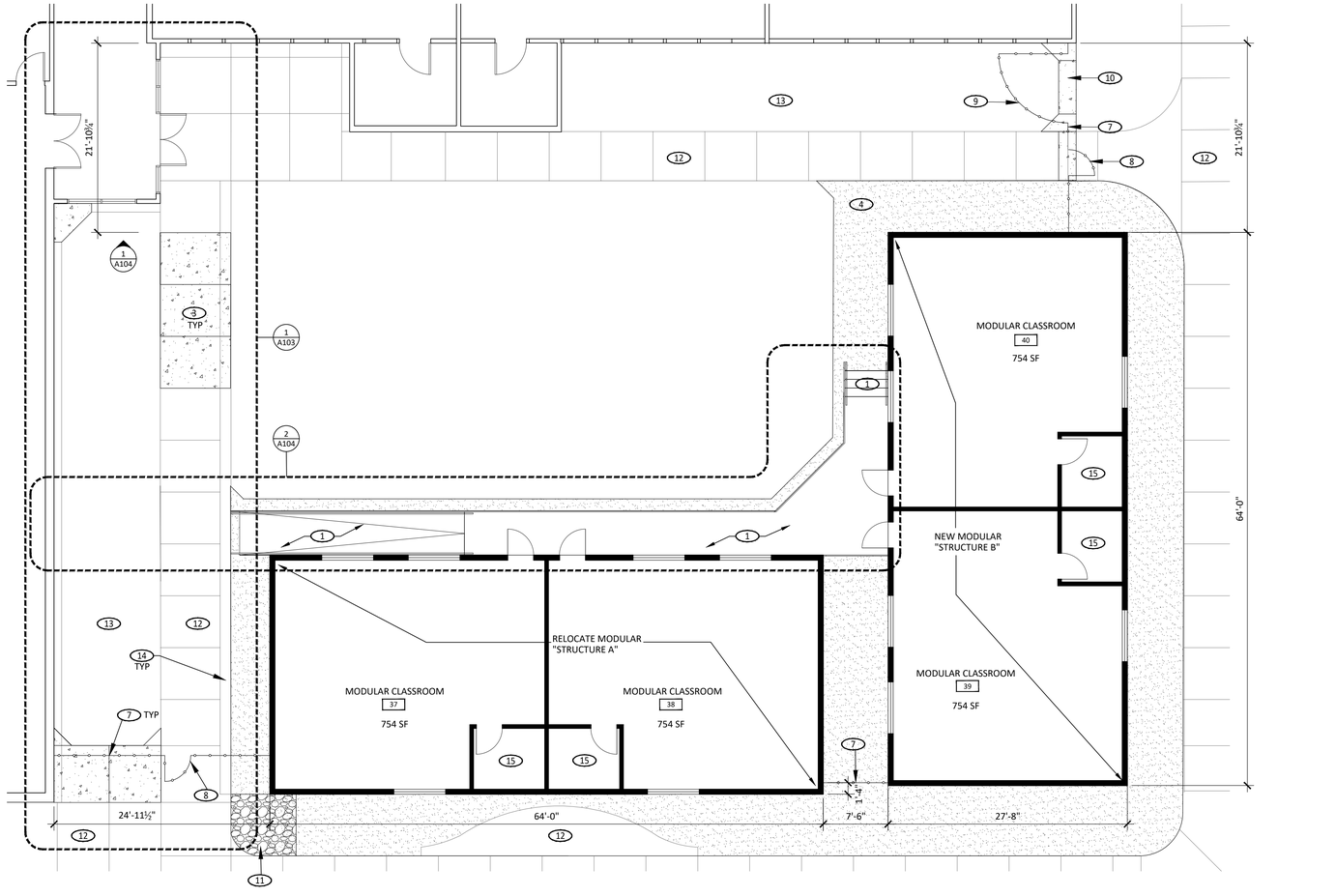
OVERALL BUILDING GROUND FLOOR PLAN

A102



1 PARTIAL DEMOLITION PLAN
1/8" = 1'-0"

NORTH



2 ENLARGED BUILDING PLAN
1/8" = 1'-0"

NORTH

KEY NOTES

1. RAMP, ELEVATED WALKWAY, AND STAIR BY OTHERS
2. EXISTING CONC MOWSTRIP TO REMAIN
3. HATCH INDICATES (N) CONCRETE PAVING, SEE ALSO CIVIL
4. HATCH INDICATES (N) ASPHALT PAVING, SEE ALSO CIVIL
5. DEMOLISH CONC SIDEWALK AS REQ'D, SEE ALSO CIVIL
6. DEMOLISH CHAIN LINK FENCE AND POST, GRIND TO BELOW (E) CONC MOWSTRIP TO REMAIN
7. NEW CHAINLINK FENCE, SEE ALSO CIVIL
8. NEW 3'-0" WIDE PEDESTRIAN CHAINLINK GATE WITH PANIC HARDWARE SET 01, SEE ALSO CIVIL, DOOR HARDWARE TYPES
9. NEW 8'-0" WIDE CHAINLINK GATE FOR MAINTENANCE ACCESS, SEE ALSO CIVIL
10. NEW CONCRETE MOWSTRIP, SEE ALSO CIVIL
11. NEW CRUSHED GRAVEL, SEE ALSO CIVIL
12. (E) CONC WALKWAY
13. (E) LAWN
14. FILL DEMOLISHED FENCE POST & GROUND DOWN CONC. SURFACE W/ NON-SHRINK GROUT
15. NO PLUMBING

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REVISIONS

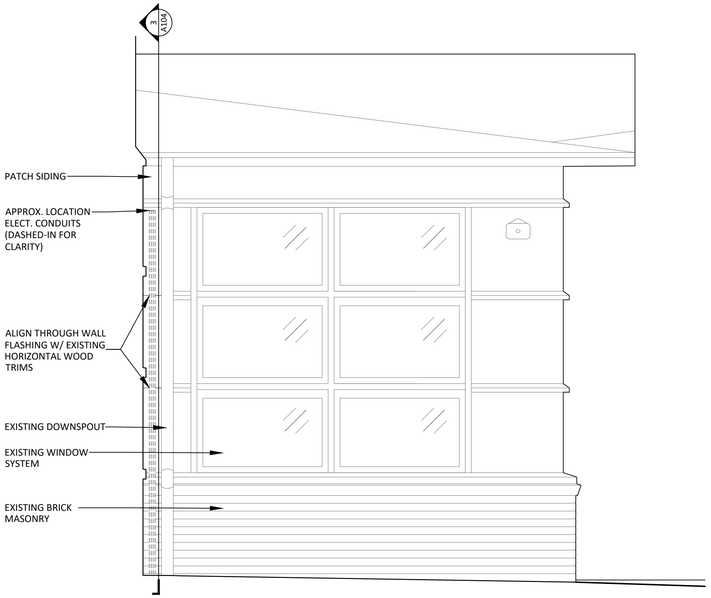
KELLY MS MODULAR CLASSROOMS

850 HOWARD AVE, EUGENE OR 97404
CONSTRUCTION DOCUMENTS

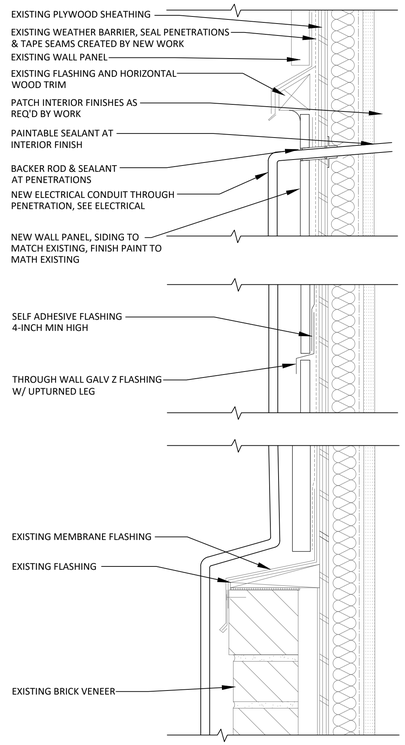
JOB NO: 21336
ISSUE DATE: 14 JULY 2021

ENLARGED
BUILDING PLANS

A103



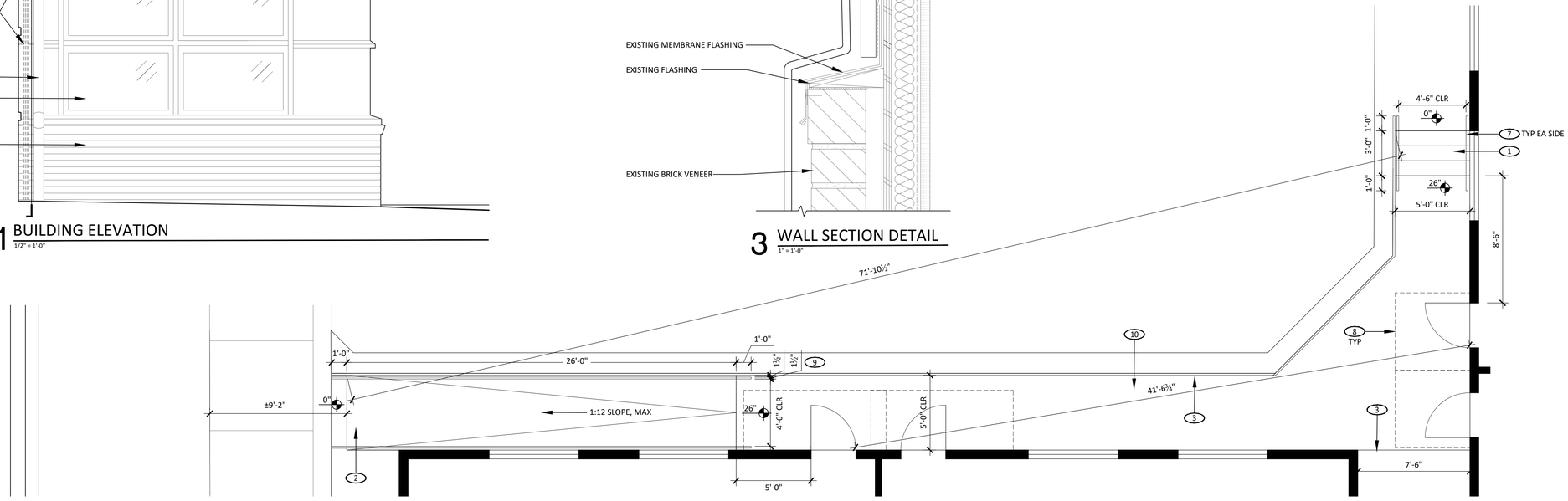
1 BUILDING ELEVATION
1/2" = 1'-0"



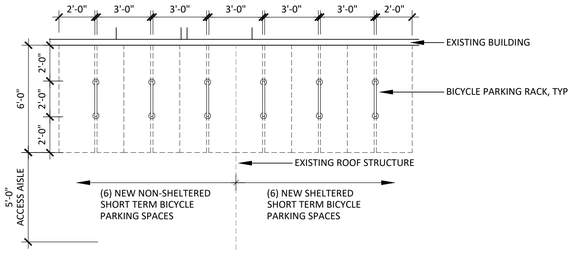
3 WALL SECTION DETAIL
1" = 1'-0"

KEY NOTES

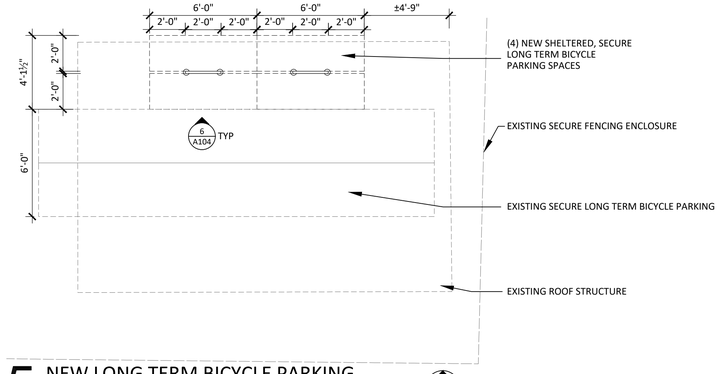
1. NEW EGRESS STAIR BY OTHERS, 7-INCH HIGH MAX RISER, 11-INCH DEEP MIN. TREAD
2. NEW EGRESS RAMP BY OTHERS
3. NEW 42" HIGH GUARDRAIL BY OTHERS
4. NOT USED
5. NOT USED
6. NOT USED
7. HANDRAIL, UNIFORM HEIGHT ABV TREAD NOSING MIN 34" & MAX 38" BY OTHER
8. DASH LINE INDICATES CLEAR FLOOR AREA PER ANSI A117.1
9. TYPICAL HANDRAIL DIAMETER AND CLEARANCE TO OBSTRUCTION
10. ELEVATED WALKWAY AND PORTABLE CLASSROOMS SHOWN FOR REFERENCE TO EGRESS PATH REQUIREMENTS - COMPREHENSIVE DESIGN AND DOCUMENTATION BY OTHERS



2 EGRESS RAMP AND STAIR - ENLARGED PLAN
1/4" = 1'-0"

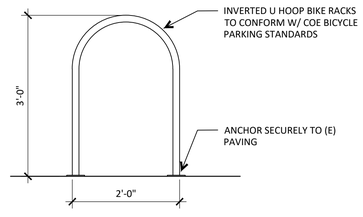


4 NEW SHORT TERM BICYCLE PARKING
1/4" = 1'-0"



5 NEW LONG TERM BICYCLE PARKING
1/4" = 1'-0"

NORTH



6 BICYCLE RACK ELEVATION
3/4" = 1'-0"

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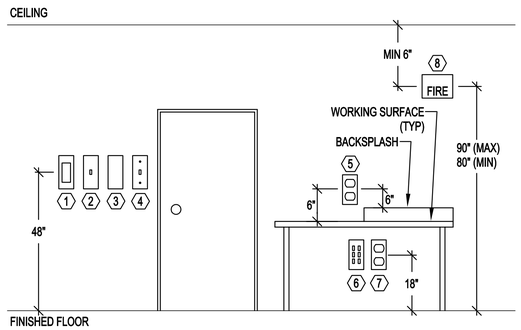
BUILDING DETAILS

A104

DEVICE MOUNTING HEIGHTS



GENERAL NOTES:

A. LOCATE ALL FIRE ALARM DEVICES PER CODE.

B. LOCATE ALL ACCESSIBLE SWITCHES PER ADA GUIDELINES.

C. FIELD COORDINATE ALL ABOVE COUNTER DEVICES WITH MILLWORK CONTRACTOR.

D. IF APPLICABLE, TELCOM CONSULTANTS DRAWINGS TAKE PRECEDENCE OVER THIS DETAIL FOR TELCOM DEVICES.

NOTES:

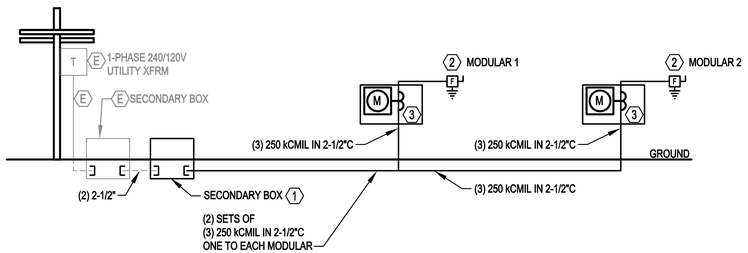
1. FIRE ALARM PULL STATION
2. LIGHT SWITCH
3. CARD READER
4. WALL PHONE
5. ABOVE COUNTER DEVICE MAINTAIN A CONSISTENT HEIGHT THROUGHOUT SPACE
6. TELECOM OUTLET
7. RECEPTACLE
8. FIRE ALARM STROBE

ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR	KVA	KILOVOLT AMP
A	AMPERE (AMP)	KVAR	KILOVOLT AMPS REACTIVE
AL	ALUMINUM	LA	LIGHTNING ARRESTOR
ARCH	ARCHITECT / ARCHITECTURAL	LTG	LIGHTING
ATS	AUTOMATIC TRANSFER SWITCH	LV	LOW VOLTAGE
CB	CIRCUIT BREAKER	MATV	MASTER ANTENNA TELEVISION
C	CONDUIT	MCA	MINIMUM CIRCUIT AMPS
CCTV	CLOSED CIRCUIT TELEVISION	MCB	MAIN CIRCUIT BREAKER
CKT	CIRCUIT	MCC	MOTOR CONTROL CENTER
CLG	CEILING	MDP	MAIN DISTRIBUTION PANEL
CT	CURRENT TRANSFORMER	MECH	MECHANICAL
CU	COPPER	MH	METAL HALIDE
DN	DOWN	MLO	MAIN LUGS ONLY
EMERG	EMERGENCY	MV	MERCURY VAPOR
EMT	ELECTRIC METALLIC TUBING	MTS	MANUAL TRANSFER SWITCH
EP	EXPLOSION PROOF	NIC	NOT IN CONTRACT
EPO	EMERGENCY POWER OFF	NL	NIGHT LIGHT CIRCUIT
EWC	ELECTRIC WATER COOLER	PA	PUBLIC ADDRESS
FA	FIRE ALARM	PE	PHOTO ELECTRIC CELL
FLA	FULL LOAD AMPS	PF	POWER FACTOR
FLUOR	FLUORESCENT	PNL	PANELBOARD
FCIC	FURNISHED BY CONTRACTOR INSTALLED BY CONTRACTOR	PVC	POLYVINYL CHLORIDE CONDUIT
		PWR	POWER
FOIC	FURNISHED BY OWNER INSTALLED BY CONTRACTOR	SDP	SUB-DISTRIBUTION PANEL
		STR	STARTER
FOIO	FURNISHED BY OWNER INSTALLED BY OWNER	SV	SOLENOID VALVE
		SW	SWITCH
GFP	GROUND FAULT PROTECTION	TD	TIME DELAY
GFI	GROUND FAULT INTERRUPTER	TP	TAMPERPROOF
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	TTB	TELEPHONE TERMINAL BOARD
		TTC	TELEPHONE TERMINAL CABINET
GRC	GALVANIZED RIGID CONDUIT	TV	TELEVISION
GRD	GROUND	TYP	TYPICAL
HP	HORSEPOWER	UG	UNDERGROUND
HPS	HIGH PRESSURE SODIUM	UPS	UNINTERRUPTABLE POWER SUPPLY
HV	HIGH VOLTAGE		
HZ	HERTZ	V	VOLTAGE
IG	ISOLATED GROUND	VA	VOLT AMPERES
INC	INCANDESCENT	VP	VAPOR PROOF
JB	JUNCTION BOX	W	WATTS
KW	KILOWATT	WP	WEATHER PROOF
KWH	KILOWATT HOUR	XFMR	TRANSFORMER
KV	KILOVOLT	XFSW	TRANSFER SWITCH

ONE-LINE

- CIRCUIT BREAKER
- SWITCH, FUSED SWITCH
- BUSS
- AUTOMATIC SWITCH
- METER
- PANEL (XXX / XX)
- FEEDER CALLOUT (X)
- FAULT CURRENT CALLOUT (XXX)
- GENERATOR (G)



NOTES:

1. PROVIDE NEW ABOVE GRADE SECONDARY BOX TYPE EC5-2.0400 PER EWEB STANDARDS.
2. CONNECT TO FACTORY INSTALLED 400A DISCONNECT ON EXTERIOR OF MODULAR. PROVIDE (1) 6 AWG CU BARE TO 5/8" x 8' GROUND ROD. INSTALL PER NEC REQUIREMENTS.
3. PROVIDE NEW NEMA 3R METER ENCLOSURE FOR UTILITY PROVIDED 320A METER. INSTALL PER EWEB STANDARDS.

EQUIPMENT

- ELECTRICAL EQUIPMENT
- PANELBOARD: SURFACE, RECESSED
- CABINET: SURFACE, RECESSED
- TRANSFORMER
- GROUND ROD, IN TEST WELL
- GROUND PAD
- EQUIPMENT WITH DERIVED GROUND
- VOLTMETER, AMMETER (V, A)
- SELECTOR SWITCH: VOLTMETER, AMMETER (VS, AS)
- METER: KILOWATT HOUR, POWER FACTOR (KWH, PF)
- POTENTIAL TRANSFORMER (PT)
- CURRENT TRANSFORMER (CT)
- CABLE TRAY: CENTER SUPPORT, OUTER SUPPORTS

NOTE

THIS IS A STANDARD LEGEND SHEET, THEREFORE, SOME SYMBOLS MAY APPEAR ON THIS SHEET THAT DO NOT APPEAR ON THE DRAWINGS.

DESIGNATION SYMBOLS

- EQUIPMENT DESIGNATOR SEE SCHEDULE. (123)
- EXISTING TO REMAIN, EXISTING TO BE REMOVED (E, X)
- EXISTING TO BE RELOCATED, FUTURE (R, F)
- NEW, CONNECT TO (N, C)
- NOTE (1)

POWER

- WALL RECEPTACLE: SINGLE, DUPLEX
- WALL RECEPTACLE: EMERGENCY, 4-PLEX
- WALL RECEPTACLE: ISOLATED GROUND
- CEILING RECEPTACLE: DUPLEX
- FIRE RATED FLOOR POKE-THRU
- CONNECTION TO EQUIPMENT PROVIDED BY OTHERS
- DENOTES RECEPTACLE ABOVE COUNTER
- SPECIAL PURPOSE OUTLET AS NOTED, EMERGENCY
- JUNCTION BOX (J)
- FLUSH IN-FLOOR OUTLET: DUPLEX, COMBINATION
- PEDESTAL OUTLET: POWER, SIGNAL, COMBINATION
- SURFACE OUTLET STRIP: DIMENSION AS SHOWN
- TELEPOWER POLE, POWER, COMBINATION
- CLOCK HANGER RECEPTACLE (C)
- DISCONNECT SWITCH: FUSED, NON-FUSED (60A 45F)
- MOTOR STARTER: MANUAL, MAGNETIC, COMBINATION ($_{OL}$)
- MOTOR CONNECTION
- CONTACTOR, RELAY, SOLENOID (C, R, S)
- PUSH BUTTON STATION
- WIRING CONCEALED IN CEILING OR WALL
- WIRING CONCEALED IN FLOOR OR UNDERGROUND
- INDICATES INSULATED GREEN GROUND WIRE
- HOME RUN DESTINATION SHOWN
- CONDUIT ELL: UP, DN.

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SYMBOLS, LEGENDS & ABBREVIATIONS ELECTRICAL

E001

ELECTRICAL SERVICE DIVISION OF RESPONSIBILITY

EC	EWEB	
	■	PRIMARY CONDUCTORS
■		PRIMARY CONDUITS
■		PRIMARY VAULTS
■		SECONDARY CONDUCTORS
■		SECONDARY CONDUITS
■		SECONDARY VAULTS
■		CT ENCLOUSRE
■		CT TRANFORMER
■		METER BASE
	■	METER
■		GROUNDING
	■	TRANSFORMER
■		TRANSFORMER PAD
■		TRANSFORMER VAULT

NOTES

A. CONTRACTOR TO CONFIRM ALL INSTALLATION REQUIREMENTS WITH EWEB COSTRUCTION STANDARDS AND ENGINEERING DRAWINGS.

GENERAL NOTES:

A. UTILITY COORDINATION CONTACT INFORMATION:

ADDRESS:

4200 ROOSEVELT BLVD.
EUGENE, OR 97401

PHONE NUMBERS:

CUSTOMER SERVICE: 541-685-7000
NEW CONSTRUCTION AND
INSPECTION: 541-685-7457

EWEB CONTACT FOR THIS PROJECT:

JODY KALDAHL
JODY.KALDAHL@EWEB.ORG
541-685-7613

WORK ORDER REFERENCE NUMBER:

TBD

B. CONDUCTOR SIZE AND QUANITY INFORMATION PROVIDED IN BUILDING PACKAGE.

C. EWEB UTILITY REQUIREMENTS:

a. CONDUITS SHALL BE SCHEDULE 40 PVC. ALL BENDS SHALL BE FACTORY ELBOW. ALL BENDS SHALL HAVE 36" RADIUS. THE CONDUIT AND ELBOWS SHALL BE PROVIDED WITH A FACTORY-FORMED BELL ON ONE END. CONDUITS 3 INCH IN DIAMETER AND LARGER SHALL BE CHAMFERED ON THE NON-BELL END. CONDUITS SHALL ENTER AND EXIT VAULTS IN THE POSITIONS INDICATED ON THE EWEB CONSTRUCTION DRAWINGS, LEVEL AND PERPENDICULAR TO THE VAULT AND SHALL BE GROUTED WITH CEMENT BASE MORTAR MIXTURE TO SEAL VAULT. CONDUCTORS SHALL BE LABELED AS TYPE USE-2 UL 854, OR TYPE RHW-2 OR XHHW-2 PER UL44. PROVIDE CONDUCTOR LENGTHS PER EWEB STANDARD EC5-2.0100.

b. SERVICE CONDUIT SHALL MEET THE FOLLOWING REQUIREMENTS:

c. HEATING AND FIELD BENDING OF CONDUIT IS NOT ALLOWED. ALL BENDS SHALL BE FACTORY ELBOWS.

d. OTHER THAN THE VERTICAL ELBOWS AT THE METER, NO VERTICAL BENDS OR OFFSETS SHALL BE INSTALLED WITHOUT PRIOR APPROVAL FROM EWEB ELECTRIC DISTRIBUTION ENGINEERING.

e. AT NO POINT SHALL CONDUIT BE INSTALLED BENEATH PERMANENT STRUCTURES. IT IS ACCEPTABLE FOR THE SERVICE CONDUIT TO BE INSTALLED IN THE BUILDING FOOTING AND INTO AN EXTERIOR WALL TO A FLUSH MOUNTED METER BASE PROVIDED REMOVAL OF THE FRONT OF THE METER BASE IS NOT RESTRICTED IN ANY WAY.

f. SHALL NOT CONTAIN ANY LB'S OR JUNCTION OR PULL BOXES.
IF EXPOSED END OF THE CONDUIT ELBOW IN THE VAULT IS CUT, IT SHALL BE CUT OFF SQUARE AND BURRS REMOVED TO PROVIDE A SMOOTH SURFACE FOR CONDUCTORS.

g. ALL CONDUITS SHALL ENTER THE SAME END OF THE VAULT.

h. INSTALLED PER CONDUIT MANUFACTURER REQUIREMENTS INCLUDING APPLYING MANUFACTURER RECOMMENDED ADHESIVE TO ALL JOINTS.

j. SHALL HAVE 12 INCH SEPARATION FROM ALL OTHER UTILITIES.

k. SCHEDULE CONDUIT AND TRENCH INSPECTION WITH EWEB AND ENGINEER PRIOR TO BACKFILLING.

l. CONTRACTOR TO VERIFY AND FOLLOW ALL EWEB CONSTRUCTION STANDARDS.

NOTES:

1. APPROXIMATE LOCATION OF EXISTING MDF ROOM.

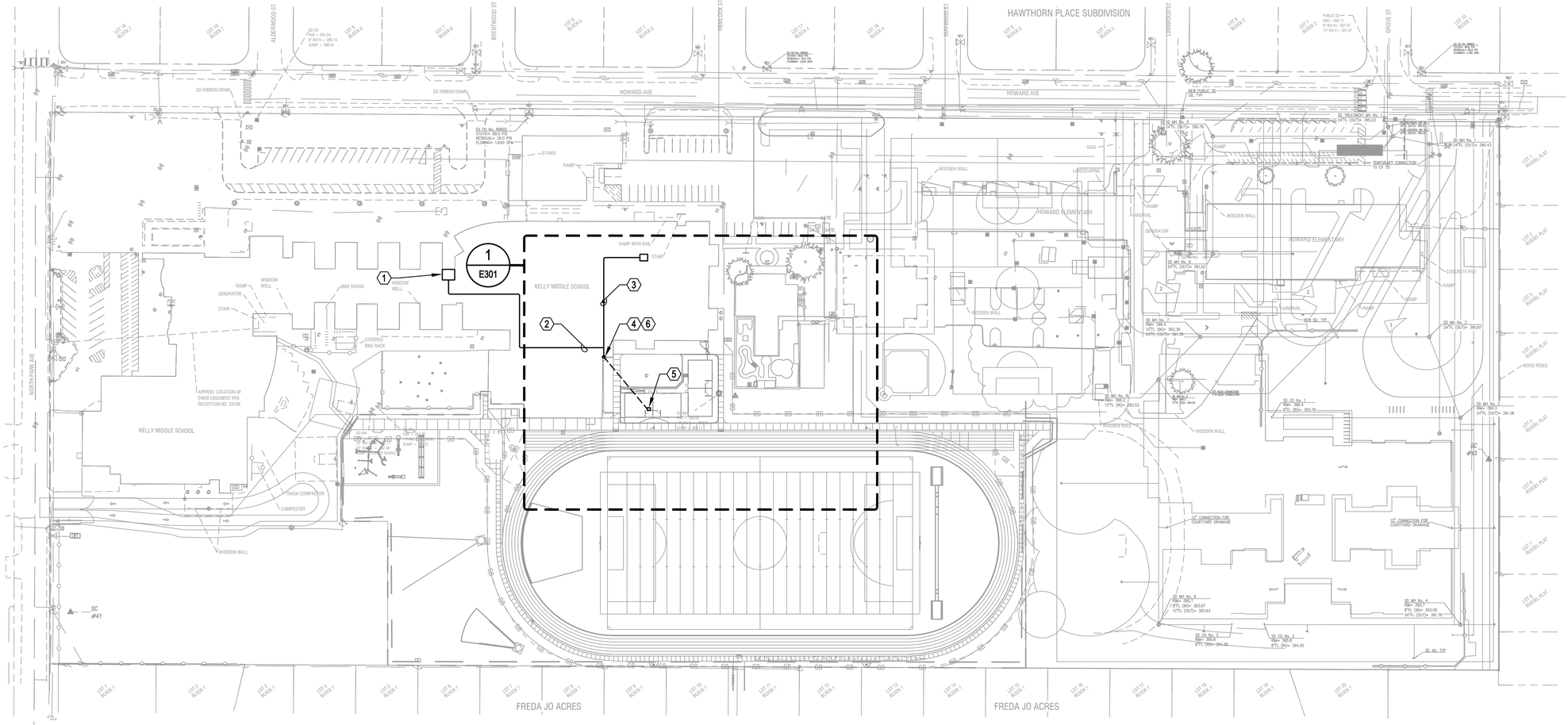
2. PROVIDE APPROXIMATELY 350' PATHWAY FROM MDF TO NEW MODULAR LOCATION FOR FIBER. STUB 2" CONDUIT FROM MDF TO ATTIC, FREE AIR ROUTING IS ACCEPTABLE IN ATTIC. ROUTE THROUGH MECHANICAL MEZZANINE TO VESTIBULE WALL SURFACE AND OUT TO EXTERIOR. PROVIDE FIRE RATED PASS THROUGHS WHERE REQUIRED.

3. PROVIDE APPROXIMATELY 250' PATHWAY AND WIRING FROM SECURITY EQUIPMENT CLOSET TO NEW MODULAR. STUB 1" CONDUIT FROM CLOSET TO ATTIC, CONTRACTOR TO CONFIRM ROUTING, FREE AIR ROUTING IS ACCEPTABLE IN ATTIC. PROVIDE 1" CONDUIT IN EXPOSED LOCATIONS. PROVIDE FIRE RATED PASS THROUGHS WHERE REQUIRED.

4. SURFACE MOUNT (1) 2" CONDUIT AND (2) 1" CONDUITS FOR DATA DOWN EXTERIOR WALL AND TRANSITION TO UNDERGROUND AND TRENCH TO MODULAR DATA SERVICE ENTRANCE. PATCH SIDEWALKS AS REQUIRED.

5. APPROXIMATE LOCATION OF MODULAR DATA SERVICE ENTRANCE.

6. PROVIDE EXTENSION OF FIRE ALARM CIRCUIT FROM VESTIBULE PULL STATION. VERIFY CIRCUIT CAPACITY. PROVIDE APPROXIMATELY 100' OF 1" CONDUIT AND RED JACKETED CABLING.



1 SITE PLAN - ELECTRICAL
1/64" = 1'-0"

NORTH

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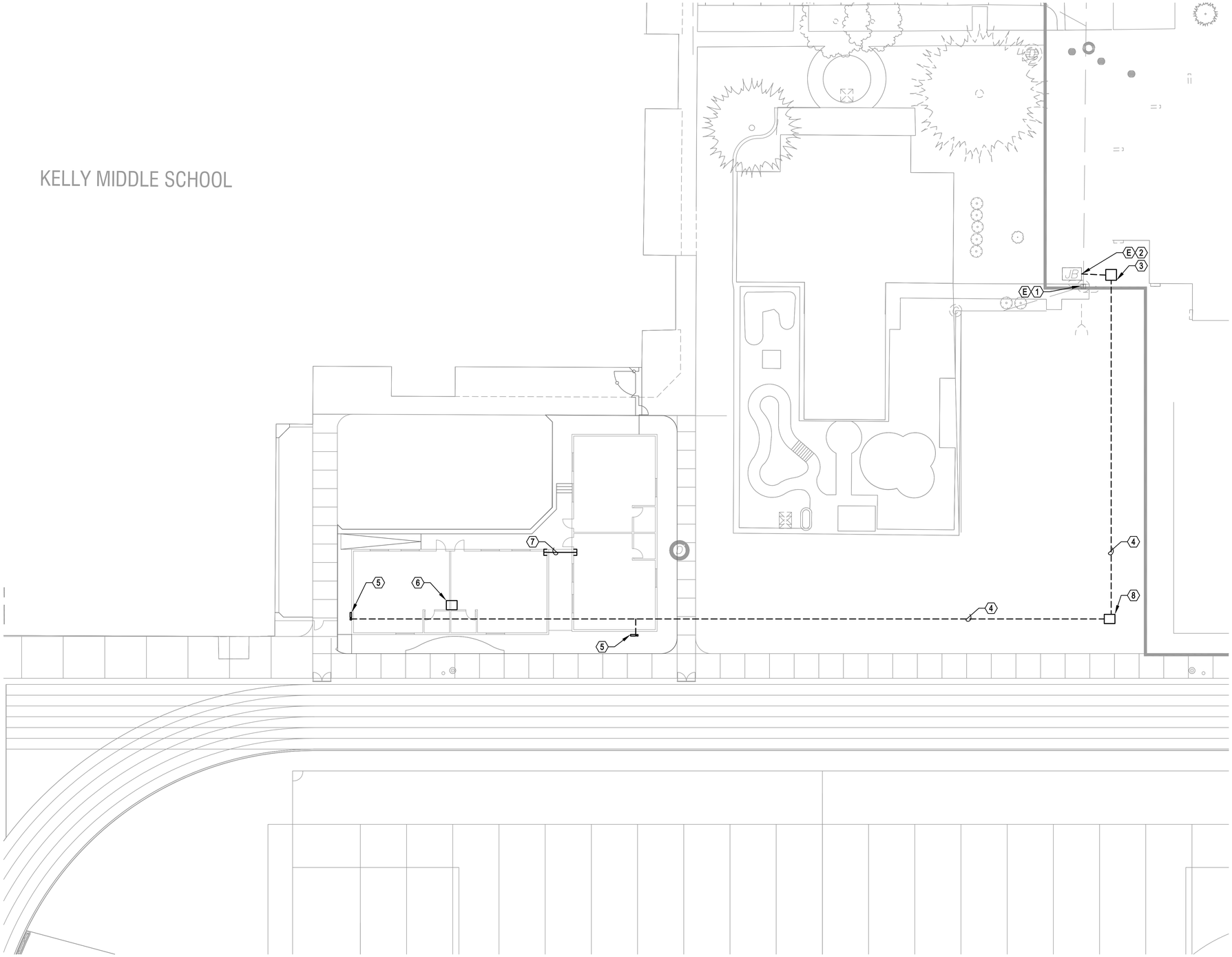
SITE PLAN - ELECTRICAL

E010

KELLY MIDDLE SCHOOL



1 FLOOR PLAN - POWER AND SIGNAL
1/16" = 1'-0"

NORTH

GENERAL NOTES:

A. UNDERGROUND SERVICE CONDUIT TO BE SCHEDULE 40 PVC.

NOTES:

1. EXISTING POLE MOUNTED, SINGLE PHASE 120/240V TRANSFORMER.

2. EXISTING SECONDARY BOX.

3. NEW ABOVE GRADE SECONDARY BOX. SEE ONELINE FOR DETAILS.

4. TRENCH FOR NEW UNDERGROUND SERVICE FEEDER. ROUTE TO AVOID EXISTING UTILITIES PER EWEB REQUIREMENTS. SEE ONELINE FOR CONDUIT AND FEEDER SIZING.

5. STUB UNDERGROUND FEEDER UP TO NEW METER ENCLOSURE.

6. APPROXIMATE ENTRANCE FOR DATA, SECURITY AND FIRE ALARM COMMUNICATIONS.

7. PROVIDE (1) 2" CONDUIT AND (2) 1" CONDUIT BETWEEN MODULARS FOR TELECOM SYSTEMS. MOUNT TO ELEVATED WALKWAY.

8. PROVIDE INGROUND PULLBOX SIZED PER NEC REQUIREMENTS.

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FLOOR PLAN - POWER AND SIGNAL

E301